

Es364

## TECHNICAL BULLETIN

January 24, 2020

Re: *Coronavirus (2019 n-CoV)*

Is an enveloped virus that can cause a range of symptoms including: running nose, cough, sore throat and fever.

- Some symptoms are mild and can be similar to the common cold
- Other symptoms are more likely to lead to pneumonia
- The virus is usually spread through direct contact with an infected person
- There is a total of 7 Coronaviruses that can infect humans, well known coronaviruses are SARS and MERS
- The new Virus is called 2019-nCoV. It is unclear how exactly it spreads from person to person, but the CDC recommends that anyone who may have been exposed to the illness monitor themselves for 14 days after close contact with an infected person
- Protect yourself and others from getting sick. **Wash your hands with soap and water:**
  - After coughing or sneezing
  - When caring for others
  - Before, during and after you prepare food
  - Before eating
  - After using the washroom/toilet
  - After handling animals or animal waste
  - When hands are dirty

### DISINFECTION:

- Any hospital grade disinfectant with an EPA or DIN Number can be effective when used as directed. Examples are:



| Canada | USA    |
|--------|--------|
| ES24   | ES24+  |
| ES25   | ES25+  |
| ES64   | ES64H  |
| ES65   | ES67   |
| ES65H  | ES256H |
| ES128  | ES364  |
| ES256H | ES512  |
| ES364  |        |
| ES512  |        |



- Use on all high touch surfaces such as counters, tabletops, doorknobs, bathroom fixtures, toilets, phones, keyboards, tablets, bedside tables
- When disinfecting, a N95 mask should be worn and disposable gloves that should be changed frequently

**Charlotte Products Ltd. will continue to monitor the situation and update accordingly.**

For any questions or concerns contact Charlotte Products Ltd. at [info@charlotteproducts.com](mailto:info@charlotteproducts.com).

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

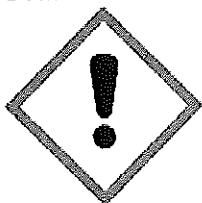
**PRODUCT NAME:** ..... Piranha Zee Best Floor Finish  
**PRODUCT TYPE:** ..... Liquid Acrylic Floor Finish  
**PRODUCT NUMBER:** ..... CS0657BID (Last character varies with the packaging)

**COMPANY:** ..... **Bio Shine**  
190 Summerhill Rd.  
Spotswood, NJ 08884  
PH: (732) 251-9506  
Fax: (732) 251-9586  
[www.Bio-Shine.com](http://www.Bio-Shine.com)

## 2 – HAZARDS IDENTIFICATION

**CLASSIFICATION OF SUBSTANCE/MIXTURE:**..... Skin Irritation (2) Eye Irritation (2B) Skin Sensitizer (1B)

**SYMBOLS:**.....



**SIGNAL WORD:**..... WARNING!

**HAZARD STATEMENT:**..... Causes skin irritation. Causes eye irritation. May cause an allergic skin reaction.

### PRECAUTIONARY STATEMENTS:

**PREVENTION:** ..... Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace.

**RESPONSE:**..... **IF ON SKIN:** Wash with plenty of water and soap. Specific treatment (see First AID Section on this label). **If skin irritation occurs:** Get medical advice/attention. Take off contaminated clothing and wash before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. **If skin irritation or a rash occurs:** Get medical advice/attention.

**STORAGE:** ..... Store in a dry place. Store in a closed container

**DISPOSAL:** ..... Dispose of container and contents in accordance with local regulations.

# Safety Data Sheet

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

| INGREDIENT                    | C.A.S. NUMBER                               |
|-------------------------------|---|
| Water                         | 7732-18-5                                   |
| Acrylate Copolymer            | Trade Secret* (withheld by<br>Manufacturer) |
| Diethylene Glycol Ethyl Ether | 111-90-0                                    |
| Tributoxy Ethyl Phosphate     | 78-51-3                                     |
| Zinc Compounds                | 38714-47-5                                  |

Percentages of ingredients are being withheld as trade secret information. This information will be disclosed as necessary to authorized individuals

## 4 – FIRST-AID MEASURES

- BREATHING (INHALATION):** ... If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.
- SWALLOWING (INGESTION):** . DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!
- EYES:** ..... Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.
- SKIN (DERMAL):** ..... Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## 5 – FIRE-FIGHTING MEASURES

- FLASHPOINT:**..... This product is non-flammable.
- EXTINGUISHING MEDIA:**..... This product is non-flammable. Use extinguishing media suitable for materials already burning.
- SPECIAL FIRE FIGHTING PROCEDURES:** ..... Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** ..... None known.

## 6 – ACCIDENTAL RELEASE MEASURES

- SPILL PROCEDURES:** ..... Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.
- WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.

## 7 – HANDLING and STORAGE

- STORAGE:** ..... Store in a cool, well ventilated area. Avoid overheating or freezing.

## Safety Data Sheet

**HANDLING:**..... Do not place this product in an unmarked container. Avoid eye contact. Spilled material is slippery.

### 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Not usually needed. Vapors not normally harmful.

**PROTECTIVE CLOTHING:**..... Special protection not usually needed. Wear eye protection if product is likely to splash.

**ADDITIONAL MEASURES:** ..... Do not place this product in an unmarked container. Avoid eye contact. Spilled material is slippery.

| INGREDIENT                    | C.A.S. NUMBER | PEL                   |
|-------------------------------|---------------|-----------------------|
| Water                         | 7732-18-5     | No limits established |
| Acrylate Copolymer            | Trade Secret  | No limits established |
| Diethylene Glycol Ethyl Ether | 111-90-0      | No limits established |
| Tributoxy Ethyl Phosphate     | 78-51-3       | 0.5mg/m3 TWA          |
| Zinc Compounds                | 38714-47-5    | 5 mg/m3 TWA           |

### 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE & ODOR:** ..... White opaque liquid. No significant odor.

**ODOR THRESHOLD:** ..... N/A

**pH:** ..... 8.0-9.0

**MELTING POINT:** ..... 210 degrees F.

**FREEZING POINT:** ..... N/A

**BOILING POINT:** ..... 210 degrees F.

**BOILING POINT RANGE:** ..... N/A

**FLASHPOINT:** ..... This product is non-flammable.

**EVAPORATION RATE:** ..... N/A

**FLAMMABILITY (solid/gas):** ..... N/A

**EXPLOSION LIMITS:** ..... N/A

**VAPOR PRESSURE:** ..... N/A

**VAPOR DENSITY (AIR=1):** ..... Greater than 1.

**SPECIFIC GRAVITY:** ..... 1.02

**SOLUBILITY IN WATER:** ..... Completely soluble.

**PARTITION COEFFICIENT:** ..... N/A

**AUTO-IGNITION TEMPERATURE:** ..... N/A

**DECOMPOSITION TEMPERATURE:** ..... N/A

**VISCOSITY:** ..... Water thin

### 10 – STABILITY and REACTIVITY

**STABILITY:** ..... Stable under normal conditions.

**HAZARDOUS DECOMP.:** ..... This product not known to polymerize.

**INCOMPATIBILITY:** ..... Do not mix with other chemicals.

# Safety Data Sheet

## 11 – TOXICOLOGICAL INFORMATION

**ROUTE(S) OF ENTRY:** ..... Ingestion. Not likely to be inhaled in dangerous amounts.  
**LISTED CARCINOGEN:** ..... None over 0.1%.  
**MEDICAL CONDITION AGGRAVATED:** ..... May aggravate pre-existing dermatitis.  
**INHALATION:** ..... Not likely to be inhaled in hazardous amounts. Maintain adequate ventilation in the work area.  
**INGESTION:** ..... This material can cause irritation to the stomach and esophagus if ingested.  
**EYES:** ..... May cause eye irritation.  
**SKIN (DERMAL):** ..... Not likely to irritate. Prolonged exposure to undiluted product may cause irritation.  
**ACUTE TOXICITY\* (ORAL):** ..... >5000 mg/kg  
**ACUTE TOXICITY\* (DERMAL):** ..... >5000 mg/kg  
**ACUTE TOXICITY\* (INHALATION):** ..... >20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

\*Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6)

## 12 – ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND DISTRIBUTION:** N/A

## 13 – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.

## 14 – TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** ..... Not D.O.T. regulated.  
**HAZARD CLASS:** .....  
**UN/NA NUMBER:** .....  
**PACKAGING GROUP :** .....

## 15 - REGULATIONS

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

## 16 – OTHER INFORMATION

**NFPA HEALTH:** ..... 1  
**NFPA FLAMMABILITY:** ..... 0  
**NFPA REACTIVITY:** ..... 0  
**NFPA OTHER:** ..... None

## Safety Data Sheet

**ADDITIONAL:**..... The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe- read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

**REVISION DATE:** ..... 06/15/17

## SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION

Product Identifier used on the label: ES364 Neutral Disinfectant

Other means of Identification: ES364

Recommended use of the chemical and restrictions on use: For professional use only.

**Manufacturer/Supplier:**

Charlotte Products Ltd.

**Address:**

2060 Fisher Dr.  
Peterborough, ON K9J 6X6

Telephone: 705-740-2880

Fax: 705-745-1239

24 Hr. Emergency Tel. #: Infotrac 1-800-535-5053 (North America), 011-1-352-323-3500 (International)

### SECTION 2 - HAZARDS IDENTIFICATION

**Classification of the chemical:**

Eye Damage/Irritation 1

Skin Corrosion/Irritation 1B

Acute Toxicity Inhalation 2

Acute Toxicity Dermal 3

Acute Toxicity Oral 4

**Label elements:**

**Signal Word:** Danger

**Hazard statement(s)**

|      |   |
|------|---|
| H314 | Causes severe skin burns and eye damage |
| H330 | Fatal if inhaled                        |
| H311 | Toxic in contact with skin              |
| H302 | Harmful if swallowed                    |

**Precautionary statement(s)**

|                    |  |
|--------------------|--|
| P264               | Wash exposed areas thoroughly after handling                               |
| P270               | Do not eat, drink or smoke when using this product                         |
| P280               | Wear protective gloves/protective clothing/eye protection/face protection  |
| P301+312+331       | IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. |
| P301 + P330 + P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.                         |



P303 + P361 + P353 IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

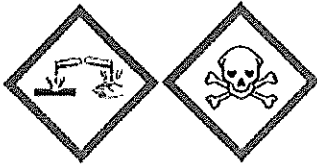
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

P362 Take off contaminated clothing and wash before reuse.

P405 Store locked up

P501 Dispose of contents/container in accordance with local regulation

**Hazard pictogram(s)**



Other hazards not otherwise classified: None Known

Unknown Acute Toxicity: 9.25%

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name, Common Name & Synonyms:   | CAS #      | Concentration % |
|--|------------|-----------------|
| Dioctyl Dimethyl Ammonium Chloride   | 5538-94-3  | 5-10            |
| Alkyl (C <sub>12</sub> 67%, C <sub>14</sub> 25%, C <sub>16</sub> 7%, C <sub>18</sub> 1%) Dimethyl Benzyl Ammonium Chloride | 68391-01-5 | 1-5             |
| N-Coco-N,N,N-trimethylammonium Chloride  | 61789-18-2 | 5-10            |

\*\* If the chemical name/CAS # is "proprietary" and/or the weight % is shown as a range, this information had been withheld as a trade secret.

**SECTION 4 - FIRST-AID MEASURES**

Description of first aid measures:

If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

If on skin (or hair): Immediately take off all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor/physician.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor/physician.

Most Important symptoms and effects, both acute and delayed: Causes severe skin burns and eye damage, fatal if inhaled, toxic if in contact with skin and harmful if swallowed

Indication of any immediate medical attention and special treatment needed: Treat symptomatically, probable mucosal damage may contraindicate the use of gastric lavage.

## SECTION 5 - FIRE-FIGHTING MEASURES

### Extinguishing media:

*Suitable extinguishing media:* Water spray, dry powder or foam.

*Unsuitable extinguishing media:* Not determined

**Special hazards arising from the substance or mixture:** None known

**Flammability classification:** Not flammable

**Hazardous combustion products:** Carbon oxides, oxides of phosphorus other unidentified organic compounds.

### Special protective equipment and precautions for firefighters:

*Protective equipment for fire-fighters:* Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

*Special fire-fighting procedures:* Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses. Dike for water control.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

**Methods and material for containment and cleaning up:** Do not allow material to contaminate ground water system. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply. Ventilate the area. Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

**Special spill response procedures:** In case of a transportation accident, contact Infotrac 1-800-535-5053 (North America), 011-1-352-323-3500 (International). If a spill/release in the US in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Handle in accordance with good industrial hygiene and safety practice. Use protective equipment recommended in section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling.

**Conditions for safe storage:** Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep out of reach of children.

**Incompatible materials:** Fluorine, strong oxidizing or reducing agents, bases, metals, sulfur trioxide, phosphorus pentoxide. Do not mix with other chemicals or cleaners.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

| Exposure Limits:  |            |           |      |          |      |
|---|------------|-----------|------|----------|------|
| Chemical Name   | CAS #      | ACGIH TLV |      | OSHA PEL |      |
|   |            | TWA       | STEL | PEL      | STEL |
| Dioctyl Dimethyl Ammonium Chloride  | 5538-94-3  |           |      |          |      |
| Alkyl (C <sub>12</sub> 67%, C <sub>14</sub> 25%, C <sub>16</sub> 7%, C <sub>18</sub> 1%)<br>Dimethyl Benzyl Ammonium Chloride | 68391-01-5 |           |      |          |      |
| N-Coco-N,N,N-trimethylammonium<br>Chloride  | 61789-18-2 |           |      |          |      |
| Edetic acid   | 60-00-4    |           |      |          |      |

### Exposure controls:

**Ventilation and engineering measures:** Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

**Respiratory protection:** In the case of vapor formation use a respirator with an approved filter. If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134). Advice should be sought from respiratory protection specialists.

**Skin protection:** Wear chemical resistant gloves. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective regimes.

**Eye face protection:** Wear eye/face protection. Wear as appropriate tightly fitting safety goggles; Safety glasses with side-shields.

**Other protective equipment:** Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

**General hygiene considerations:** Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear Green Liquid

**Odor:** Lemon

**Odor threshold:** No applicable information available

**pH:** 7.0-8.5

**Melting/Freezing point:** No applicable information available

**Initial boiling point and boiling range:** No applicable information available

**Flash point:** >99 °C

**Flashpoint (Method):** No applicable information available

**Evaporation rate (BuAe = 1):** Similar to water

**Flammability (solid, gas):** Not flammable

**Lower flammable limit (% by vol.):** Not Flammable

**Upper flammable limit (% by vol.):** Not Flammable

**Vapor pressure:** No applicable information available

**Vapor density:** No applicable information available

**Relative density:** 0.989-0.999

**Solubility in water:** Soluble

**Other solubility(ies):** No applicable information available

**Partition coefficient:** No applicable information available

**Auto ignition temperature:** No applicable information available

**Decomposition temperature:** No applicable information available

**Viscosity, kinematic:** 2.024 mm<sup>2</sup>/s@ 25° C

**Volatile organic Compounds (%VOC's):** No applicable information available

**Other physical/chemical comments:** No applicable information available

## **SECTION 10 - STABILITY AND REACTIVITY**

**Reactivity:** Not normally reactive

**Chemical stability:** Stable

**Possibility of hazardous reactions:** No hazardous polymerization

**Conditions to avoid:** Keep out of reach of children. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.

**Incompatible materials:** Fluorine, strong oxidizing or reducing agents, bases, metals, sulfur trioxide, phosphorus pentoxide. Do not mix with other chemicals or cleaners.

**Hazardous decomposition products:** None known. Refer to 'Hazardous Combustion Products' in Section 5

## **SECTION 11 - TOXICOLOGICAL INFORMATION**

### **Information on likely routes of exposure:**

**Routes of entry - inhalation:** Avoid breathing vapors or mists

**Routes of entry - skin & eye:** Avoid contact with skin or eyes

**Routes of entry - Ingestion:** Do not taste or swallow

**Potential Health Effects:**

**Signs and symptoms of short term (acute) exposure:**

**Symptoms:** Please see section 4 of this SDS sheet for symptoms.

**Potential Chronic Health Effects:**

**Mutagenicity:** Not expected to be mutagenic in humans.

**Carcinogenicity:**

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**Reproductive effects:** No applicable information available

**Sensitization to material:** No applicable information available

**Specific target organ effects:** No data available to indicate product or components will have specific target organ effects.

**Medical conditions aggravated by overexposure:** Pre-existing skin, eye or respiratory conditions

**Toxicological data:**

See the following table for individual ingredient acute toxicity data.

| Chemical name  | CAS #      | LD <sub>50</sub> | LD <sub>50</sub> | LC <sub>50</sub> |
|--|------------|------------------|------------------|------------------|
|  |            | (Oral, rat)      | (Dermal. Rat)    | (Inhal., rat)    |
| Diocetyl Dimethyl Ammonium Chloride  | 5538-94-3  |                  |                  |                  |
| Alkyl (C <sub>12</sub> 67%, C <sub>14</sub> 25%, C <sub>16</sub> 7%, C <sub>18</sub> 1%) Dimethyl Benzyl Ammonium Chloride | 68391-01-5 | 1140 mg/kg       | > 250 mg/kg      | < 0.59 mg/l      |
| N-Coco-N,N,N-trimethylammonium Chloride  | 61789-18-2 |                  |                  |                  |

\*All empty cells no applicable information available

Other important toxicological hazards: None reported.

**SECTION 12 - ECOLOGICAL INFORMATION**

**Ecotoxicity:** The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 2 %.

**Persistence and degradability:** No applicable information available

**Bioaccumulation potential:** No applicable information available.

**Mobility in soil:** No applicable information available.

**Other Adverse Environmental effects:**

Ozone-Depletion Potential:

Regulation:

US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Handling for disposal:** Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapor) and can be dangerous.

**Methods of disposal:** Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

**RCRA:** If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste UN defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

## SECTION 14 - TRANSPORTATION INFORMATION

**Special Shipping Information:** Keep from freezing.

**DOT**

**UN number:** 1903

**Proper shipping name:** Disinfectants, liquid, corrosive n.o.s. (Cocoalkyltrimethylammoniumchloride)

**Transport hazard class:** 8

**Packing group:** III

**Labels:** 8

**Emergency Response Guidebook Number:** 153

**Environmental hazards:** no

**TDG**

**UN number:** 1760

**Proper shipping name:** CORROSIVE LIQUID, N.O.S. (Cocoalkyltrimethylammoniumchloride)

**Transport hazard class:** 8

**Packing group:** III

**Labels:** 8

**Environmental hazards :** no

**Special precautions for user:** none

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

## SECTION 15 - REGULATORY INFORMATION

**TSCA list**

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

**Signal word:** DANGER!

**Hazard statements:** Corrosive. Causes skin burns.

**EPA No.:** 6836-366-67205

## EPCRA - Emergency Planning and Community Right-to-Know Act

### CERCLA Reportable Quantity

| Components  | Cas No. | Component RQ (lbs) | Calculated product RQ (lbs) |
|-------------|---------|--------------------|-----------------------------|
| Edetic acid | 60-00-4 | 5000               | *                           |

\*: Calculated RQ exceeds reasonably attainable upper limit.

### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

### SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

### Clean Water Act

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

| Components  | Cas No. | Component RQ (lbs) |
|-------------|---------|--------------------|
| Edetic acid | 60-00-4 | 5000               |

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

| Components  | Cas No. | Concentration |
|-------------|---------|---------------|
| Edetic acid | 60-00-4 |               |

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

### US State Regulations

### Massachusetts Right To Know

| Components  | Cas No. |
|-------------|---------|
| Edetic acid | 60-00-4 |

### Pennsylvania Right To Know

| Components   | Cas No.    |
|--|------------|
| N-Coco-N,N,N-trimethylammonium Chloride  | 61789-18-2 |
| Alkyl (C <sub>12</sub> 67%, C <sub>14</sub> 25%, C <sub>16</sub> 7%, C <sub>18</sub> 1%) Dimethyl Benzyl Ammonium Chloride | 68391-01-5 |
| Dioctyl Dimethyl Ammonium Chloride   | 5538-94-3  |
| Tetrasodium ethylenediaminetetraacetate  | 64-02-8    |
| Edetic acid  | 60-00-4    |

### New Jersey Right To Know

| Components   | Cas No.    |
|--|------------|
| N-Coco-N,N,N-trimethylammonium Chloride  | 61789-18-2 |
| Alkyl (C <sub>12</sub> 67%, C <sub>14</sub> 25%, C <sub>16</sub> 7%, C <sub>18</sub> 1%) Dimethyl Benzyl Ammonium Chloride | 68391-01-5 |
| Dioctyl Dimethyl Ammonium Chloride   | 5538-94-3  |
| Tetrasodium ethylenediaminetetraacetate  | 64-02-8    |
| Edetic acid  | 60-00-4    |

### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## SECTION 16 - OTHER INFORMATION

#### Legend:

ACGIH: American Conference of Governmental Industrial Hygienists  
 CAS: Chemical Abstract Services  
 CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
 CFR: Code of Federal Regulations  
 CSA: Canadian Standards Association  
 DOT: Department of Transportation  
 ECOTOX: U.S. EPA Ecotoxicology Database  
 EINECS: European Inventory of Existing Commercial chemical Substances  
 EPA: Environmental Protection Agency  
 HSDB: Hazardous Substances Data Bank  
 IARC: International Agency for Research on Cancer  
 IUCLID: International Uniform Chemical Information Database  
 LC: Lethal Concentration  
 LD: Lethal Dose  
 NIOSH: National Institute of Occupational Safety and Health  
 NTP: National Toxicology Program  
 OECD: Organization for Economic Co operation and Development  
 OSHA: Occupational Safety and Health Administration  
 PEL: Permissible exposure limit  
 RCRA: Resource Conservation and Recovery Act  
 RTECS: Registry of Toxic Effects of Chemical Substances  
 SARA: Superfund Amendments and Reauthorization Act  
 SDS: Safety Data Sheet Material Safety Data Sheet  
 STEL: Short Term Exposure Limit  
 TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
 TLV: Threshold Limit Values  
 TWA: Time Weighted Average  
 WHMIS: Workplace Hazardous Materials Identification System



**DISCLAIMER**

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of this supplier, it is assumed that users of this material have been fully trained accordingly to the mandatory requirements of GHS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained within this form.

**END OF DOCUMENT**

Es72c

## SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION

Product identifier used on the label: HYDROGEN PEROXIDE MULTIPURPOSE CLEANER

Other means of Identification: ES72C, ES72

Recommended use of the chemical and restrictions on use: For professional use only.

**Manufacturer/Supplier:**

Charlotte Products Ltd.

**Address:**

2060 Fisher Dr.  
Peterborough, On K9J 6X6

Telephone: 705-740-2880

Fax: 705-745-1239

24 Hr. Emergency Tel. #: Infotrac 1-800-535-5053 (North America), 011-1-352-323-3500 (International)

### SECTION 2 - HAZARDS IDENTIFICATION

**Classification of the chemical:**

Eye Damage/Irritation 2A

**Label elements:**

Signal Word: Warning

**Hazard statement(s)**

H319 Causes serious eye irritation

**Precautionary statement(s)**

P264 Wash exposed areas thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P305+351+338  
P337+313 If eye irritation persists get medical advice/attention  
P501 Dispose of contents/container in accordance with local regulation

**Hazard pictogram(s)**



Other hazards not otherwise classified: None Known

Unknown Acute Toxicity: 0

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name, Common Name & Synonyms: | CAS #      | Concentration % |
|--|------------|-----------------|
| Alcohols, Ethoxylated                  | 68991-48-0 | 3-7             |
| Hydrogen Peroxide                      | 7722-84-1  | 3-7             |

\*\* If the chemical name/CAS # is "proprietary" and/or the weight % is shown as a range, this information had been withheld as a trade secret.

### SECTION 4 - FIRST-AID MEASURES

Description of first aid measures:

**If swallowed:** Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

**If on skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs get medical advice/attention.

**If inhaled:** Remove person to fresh air and keep comfortable for breathing. Call a poison centre or doctor/physician if you feel unwell.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

**Most important symptoms and effects, both acute and delayed:** Causes serious eye irritation.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically

### SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing media:

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** Not determined

**Special hazards arising from the substance or mixture:** None known

**Flammability classification:** Not flammable

**Hazardous combustion products:** Carbon oxides, oxides of phosphorus other unidentified organic compounds.

**Special protective equipment and precautions for firefighters:**

**Protective equipment for fire-fighters:** Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

**Special fire-fighting procedures:** Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses. Dike for water control.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

**Methods and material for containment and cleaning up:** Soak up with inert absorbent material. Do not use combustible absorbents, such as sawdust. Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

**Special spill response procedures:** In case of a transportation accident, contact Infotrac 1-800-535-5053 (North America), 011-1-352-323-3500 (International). If a spill/release in the US in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Handle in accordance with good industrial hygiene and safety practice. Use protective equipment recommended in section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling.

**Conditions for safe storage:** Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep out of reach of children.

**Incompatible materials:** Oxidizing agents. Do not mix with other chemicals or cleaners

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

| Exposure Limits:      |            |           |      |          |      |
|-----------------------|------------|-----------|------|----------|------|
|                       |            | ACGIH TLV |      | OSHA PEL |      |
| Chemical Name         | CAS #      | TWA       | STEL | PEL      | STEL |
| Alcohols, Ethoxylated | 68991-48-0 |           |      |          |      |
| Hydrogen Peroxide     | 7722-84-1  | 1 ppm     |      | 1 ppm    |      |

### Exposure controls:

**Ventilation and engineering measures:** Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

**Respiratory protection:** Not required with normal use. If airborne concentrations are above the permissible exposure limit or irritation occurs, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134). Advice should be sought from respiratory protection specialists.

**Skin protection:** Wear protective gloves. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective regimes.

**Eye face protection:** Wear eye/face protection. Wear as appropriate tightly fitting safety goggles; Safety glasses with side-shields.

**Other protective equipment:** Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

**General hygiene considerations:** Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear Bluish Purple Liquid

**Odor:** Pear Fragrance

**Odor threshold:** No applicable information available

**pH:** 4.8

**Melting/Freezing point:** No applicable information available

**Boiling point:** No applicable information available

**Flash point:** None to boiling

**Flashpoint (Method):** No applicable information available

**Evaporation rate (BuAe = 1):** Similar to water

**Flammability (solid, gas):** Not flammable

**Lower flammable limit (% by vol.):** Not Flammable

**Upper flammable limit (% by vol.):** Not Flammable

**Vapor pressure:** No applicable information available

**Vapor density:** No applicable information available

**Relative density:** 1.02

**Solubility in water:** Soluble

**Other solubility(ies):** No applicable information available

**Partition coefficient:** No applicable information available

**Auto ignition temperature:** No applicable information available

**Decomposition temperature:** No applicable information available

**Viscosity:** Similar to water

**Volatile organic Compounds (%VOC's):** No applicable information available

**Other physical/chemical comments:** No applicable information available

## **SECTION 10 - STABILITY AND REACTIVITY**

**Reactivity:** Not normally reactive

**Chemical stability:** Stable

**Possibility of hazardous reactions:** No hazardous polymerization

**Conditions to avoid:** Keep out of reach of children. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.

**Incompatible materials:** Fluorine, strong oxidizing or reducing agents, bases, metals, sulfur trioxide, phosphorus pentoxide

**Hazardous decomposition products:** None known. Refer to 'Hazardous Combustion Products' in Section 5

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

**Routes of entry - inhalation:** Avoid breathing vapors or mists

**Routes of entry - skin & eye:** Avoid contact with eyes

**Routes of entry - Ingestion:** Do not taste or swallow

### Potential Health Effects:

**Signs and symptoms of short term (acute) exposure:**

*Symptoms:* Please see section 4 of this SDS sheet for symptoms.

**Potential Chronic Health Effects:**

**Mutagenicity:** Not expected to be mutagenic in humans.

**Carcinogenicity:** No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

**Reproductive effects:** No applicable information available

**Sensitization to material:** No applicable information available

**Specific target organ effects:** No data available to indicate product or components will have specific target organ effects.

**Medical conditions aggravated by overexposure:** Pre-existing skin or eye disorders.

**Toxicological data:**

See the following table for individual ingredient acute toxicity data.

| Chemical name         | CAS #      | LD <sub>50</sub> | LD <sub>50</sub> | LC <sub>50</sub>   |
|-----------------------|------------|------------------|------------------|--------------------|
|                       |            | (Oral, rat)      | (Dermal. Rabbit) | (4hr, Inhal., rat) |
| Alcohols, Ethoxylated | 68991-48-0 | 2000 mg/kg       |                  |                    |
| Hydrogen Peroxide     | 7722-84-1  | 1232 mg.kg       | >2000 mg/kg      | >2000 mg/kg        |

\*All empty cells no applicable information available

Other important toxicological hazards: None reported.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** No applicable information available.

**Persistence and degradability:** No applicable information available

**Bioaccumulation potential:** No applicable information available.

**Mobility in soil:** No applicable information available.

**Other Adverse Environmental effects:** No applicable information available.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Handling for disposal:** Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapour) and can be dangerous.

**Methods of disposal:** Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

**RCRA:** If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste UN defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

## SECTION 14 - TRANSPORTATION INFORMATION

**Special Shipping Information:** Keep from freezing.  
**T.D.G. Classification:** Not regulated under T.D.G.  
**D.O.T. Classification:** Not regulated under D.O.T.

## SECTION 15 - REGULATORY INFORMATION

**Occupational Health and Safety Regulations:**  
WHMIS 1988 Class: D2B.

**OSHA & WHMIS:** SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS 2015 regulations (Controlled Products Regulations under the Hazardous Product Act).

**Environmental Regulatory Lists:**

**SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 –** None of these ingredients are listed.

**CERCLA – Section 102 (Reportable Quantity) 40 CFR 302 –** None of these ingredients are listed.

**RCRA 40CFR 261 (SUBPART D) –** None of these ingredients are listed.

**CLEAN WATER ACT – Section 311 (Reportable Quantity) 40 CFR 116 -** None of these ingredients are listed.

**CLEAN AIR ACT – Section 312 (List of Hazardous Air Pollutants) 40 CFR 63 (Subpart C) –** None of these ingredients are listed.

**National Pollutant Release Inventory –** None of the ingredients are listed.

**Toxic Substances Control Act (TSCA) –** All the ingredients are registered on the Chemical Substance Inventory.

**Canadian Domestic Substance List (DSL) –** All the ingredients are registered on the DSL.

## SECTION 16 - OTHER INFORMATION

**Legend:**

**ACGIH:** American Conference of Governmental Industrial Hygienists

**CAS:** Chemical Abstract Services

**CERCLA:** Comprehensive Environmental Response, Compensation, and Liability Act of 1980

**CFR:** Code of Federal Regulations

**CSA:** Canadian Standards Association

**DOT:** Department of Transportation

**ECOTOX:** U.S. EPA Ecotoxicology Database

**EINECS:** European Inventory of Existing Commercial chemical Substances

**EPA:** Environmental Protection Agency

**HSDB:** Hazardous Substances Data Bank

**IARC:** International Agency for Research on Cancer



**IUCLID:** International Uniform Chemical Information Database  
**LC:** Lethal Concentration  
**LD:** Lethal Dose  
**NIOSH:** National Institute of Occupational Safety and Health  
**NTP:** National Toxicology Program  
**OECD:** Organization for Economic Co operation and Development  
**OSHA:** Occupational Safety and Health Administration  
**PEL:** Permissible exposure limit  
**RCRA:** Resource Conservation and Recovery Act  
**RTECS:** Registry of Toxic Effects of Chemical Substances  
**SARA:** Superfund Amendments and Reauthorization Act  
**SDS:** Safety Data Sheet Material Safety Data Sheet  
**STEL:** Short Term Exposure Limit  
**TOG:** Canadian Transportation of Dangerous Goods Act & Regulations  
**TLV:** Threshold Limit Values  
**TWA:** Time Weighted Average  
**WHMIS:** Workplace Hazardous Materials Identification System

**Prepared By:** Charlotte Technical Services Group

**Tel:** (705) 740 2880

### **DISCLAIMER**

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of this supplier, it is assumed that users of this material have been fully trained accordingly to the mandatory requirements of GHS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained within this form.

**END OF DOCUMENT**

kleenex Green certified foam skin

# SAFETY DATA SHEET

## KLEENEX® Green Certified Foam Skin Cleanser

Version 1.0      Revision Date: 03-09-2015      MSDS Number: 100000002836      Date of last issue: -  
Date of first issue: 03-09-2015

---

### SECTION 1. IDENTIFICATION

Product name : KLEENEX® Green Certified Foam Skin Cleanser (11285, 35042, 91565, 91591 - All Green Seal Certified), KLEENEX® Luxury Foam Fragrance and Dye Free Skin Cleanser (12565 - Green Seal Certified), KLEENEX® Luxury Foam Frequent Use Hand Cleanser (6347)

#### Manufacturer or supplier's details

Company name of supplier : Kimberly-Clark Corporation  
Address : 1400 Holcomb Bridge Road  
Roswell, GA 30076-2199  
Telephone : 1-888-346-6452  
Emergency Telephone : 1-877-561-6587

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS Label element

Not a hazardous substance or mixture.

#### Other hazards

None known.

---

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

| Chemical Name          | CAS-No.    | Concentration (%) |
|------------------------|------------|-------------------|
| Sodium laureth sulfate | 68585-34-2 | >= 1 - < 5        |
| Cocamidopropyl Betaine | 61789-40-0 | >= 1 - < 5        |
| propane-1,2-diol       | 57-55-6    | >= 1 - < 5        |

---

### SECTION 4. FIRST AID MEASURES

If inhaled : No hazards which require special first aid measures.  
In case of skin contact : Not required under normal use.  
Wash off with plenty of water.  
Get medical attention if irritation develops and persists.  
In case of eye contact : Flush eyes with water at least 15 minutes. Get medical atten-

# SAFETY DATA SHEET

## KLEENEX® Green Certified Foam Skin Cleanser

|                |                              |                             |  |
|----------------|------------------------------|-----------------------------|--|
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|----------------|------------------------------|-----------------------------|--|

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tion if eye irritation develops or persists.

If swallowed : Not required under normal use.  
Drink 1 or 2 glasses of water.  
If large quantities of this material are swallowed, call a physician immediately.

Most important symptoms and effects, both acute and delayed : No hazards which require special first aid measures.  
None known.

Notes to physician : No hazards which require special first aid measures.

---

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous combustion products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

---

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Not required under normal use.

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up : Flush with water.

---

### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid spillage on floor as the product can become very slippery when wet.

Conditions for safe storage : No special storage conditions required.

---

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

# SAFETY DATA SHEET

## KLEENEX® Green Certified Foam Skin Cleanser

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| Components       | CAS-No. | Value type<br>(Form of<br>exposure) | Control parameters / Permissible<br>concentration | Basis   |
|------------------|---------|-------------------------------------|---|---------|
| propane-1,2-diol | 57-55-6 | TWA                                 | 10 mg/m3  | US WEEL |

### Hazardous components without workplace control parameters

| Components             | CAS-No.    |
|------------------------|------------|
| Sodium laureth sulfate | 68585-34-2 |
| Cocamidopropyl Betaine | 61789-40-0 |

### Personal protective equipment

Protective measures : No special protective equipment required.

Hygiene measures : not required under normal use

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid  
Colour : clear  
Odour : pleasant  
pH : 5 - 6  
Melting point/range : No data available  
Boiling point/boiling range : > 212 °C  
Flash point : Not applicable  
Upper explosion limit : Not applicable  
Lower explosion limit : Not applicable  
Relative density : 1.015 - 1.025  
Solubility(ies)  
Water solubility : completely soluble

## SECTION 10. STABILITY AND REACTIVITY

Incompatible materials : No information available.

## SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

# SAFETY DATA SHEET

## KLEENEX® Green Certified Foam Skin Cleanser

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### Product:

Acute inhalation toxicity : Acute toxicity estimate: > 40 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

### Skin corrosion/irritation

#### Product:

Assessment: No skin irritation  
Result: No skin irritation

#### Components:

**Cocamidopropyl Betaine:**  
Result: Skin irritation

### Serious eye damage/eye irritation

#### Product:

Result: Mild eye irritation

#### Components:

**Cocamidopropyl Betaine:**  
Result: Eye irritation

### Respiratory or skin sensitisation

#### Components:

**Cocamidopropyl Betaine:**  
Result: Does not cause skin sensitisation.

### Carcinogenicity

#### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or

# SAFETY DATA SHEET

## KLEENEX® Green Certified Foam Skin Cleanser

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|----------------|------------------------------|------------------------------|--|

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equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### STOT - single exposure

#### Product:

Remarks: Not applicable

### STOT - repeated exposure

#### Product:

Remarks: Not applicable

### Aspiration toxicity

#### Product:

No aspiration toxicity classification

---

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

#### **Cocamidopropyl Betaine:**

Toxicity to fish : LC50 (Fish): 1.11 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50: 1.9 mg/l  
Exposure time: 48 h

Toxicity to algae : EC50: 5.6 mg/l  
Exposure time: 72 h

#### **propane-1,2-diol:**

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## KLEENEX® Green Certified Foam Skin Cleanser

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Toxicity to fish : LC50 (Fish): 40,613 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50: 18,340 mg/l  
aquatic invertebrates      Exposure time: 48 h

### Persistence and degradability

#### Components:

##### **Cocamidopropyl Betaine:**

Biodegradability : Result: Readily biodegradable

### Bioaccumulative potential

#### Components:

##### **Cocamidopropyl Betaine:**

Partition coefficient: n- : Remarks: Not applicable  
octanol/water

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

---

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.

---

## SECTION 14. TRANSPORT INFORMATION

### International Regulation

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
Not applicable for product as supplied.

### National Regulations

49 CFR



# SAFETY DATA SHEET

## KLEENEX® Green Certified Foam Skin Cleanser

Version 1.0      Revision Date: 03-09-2015      MSDS Number: 100000002836      Date of last issue: -  
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Not regulated as a dangerous good

---

### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

|          |         |         |
|----------|---------|---------|
| glycerol | 56-81-5 | 0.144 % |
|----------|---------|---------|

#### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

#### Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

#### Pennsylvania Right To Know

|                        |            |           |
|------------------------|------------|-----------|
| water                  | 7732-18-5  | 70 - 90 % |
| Sodium laureth sulfate | 68585-34-2 | 5 - 10 %  |

#### New Jersey Right To Know

|                        |            |           |
|------------------------|------------|-----------|
| water                  | 7732-18-5  | 70 - 90 % |
| Sodium laureth sulfate | 68585-34-2 | 5 - 10 %  |
| Cocamidopropyl Betaine | 61789-40-0 | 1 - 5 %   |

# SAFETY DATA SHEET

## KLEENEX® Green Certified Foam Skin Cleanser

Version  
1.0

Revision Date:  
03-09-2015

MSDS Number:  
10000002836

Date of last issue: -  
Date of first issue: 03-09-2015

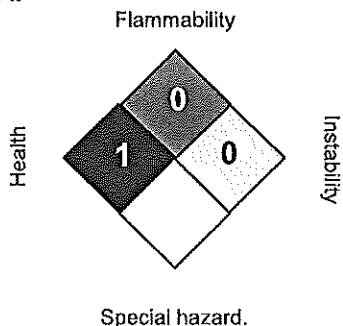
### California Prop 65

: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### SECTION 16. OTHER INFORMATION

#### Further information

#### NFPA:



#### HMIS III:

|                        |          |
|------------------------|----------|
| <b>HEALTH</b>          | <b>1</b> |
| <b>FLAMMABILITY</b>    | <b>0</b> |
| <b>PHYSICAL HAZARD</b> | <b>0</b> |

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision Date : 03-09-2015

US / EN

# Pioneer eclipse floor finish



**SAFETY DATA SHEET**  
**141: READY TO USE**

Conforms to 1910.1200

Issued: May 25, 2016

Supersedes: May 15, 2015

**OMNIGUARD™ UHS FLOOR COATING**

**1: PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** OmniGuard UHS Floor Coating **Product Number:** 141  
**Recommended Use:** Floor Finish  
Ready to Use.  
Product intended for commercial and industrial use only.  
**Uses Advised Against:** Other than per labelled instructions

**Manufacturer Address:**  
Amano Pioneer Eclipse Corporation  
P.O. Box 909  
1 Eclipse Road  
Sparta, NC 28675  
Telephone: 1-336-372-8080  
Email: sds@pioneereclipse.com  
Internet: www.pioneereclipse.com

**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.  
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect-calls accepted)

**2: HAZARDS IDENTIFICATION**

**Classification:** Not classified as hazardous; as determined by OSHA 1910.1200.  
**Signal Word:** None  
**Pictogram:** None  
**Hazard Statements:** None  
**Precautionary Statements:** None  
**Other Hazards:** None  
**Supplemental Information:** None

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                        | CAS Number | Weight % * |
|-----------------------------------|------------|------------|
| diethylene glycol monoethyl ether | 111-90-0   | 3 - 7      |

\* Exact concentration of the ingredients has been withheld as a trade secret.

**4: FIRST AID MEASURES**

**DESCRIPTION OF FIRST AID MEASURES**

**Eye Contact:** Rinse with plenty of water. If irritation develops and persists, seek medical attention.  
**Skin Contact:** Wash with soap and plenty of water. If irritation develops and persists, seek medical attention.  
**Inhalation:** If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.  
**Ingestion:** If ingested, do not induce vomiting. Seek medical attention.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**Eye Contact:** None expected under normal use.  
**Skin Contact:** None expected under normal use.  
**Inhalation:** None expected under normal use.  
**Ingestion:** None expected under normal use.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Treat symptomatically.

**5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing media:** Dry Chemical, water spray, foam, carbon dioxide  
**Specific Hazards:** Materials can splatter above 212 °F / 100 °C  
**Protective Equipment and Precautions:** No special fire fighting procedures recommended. Follow all general fire safety guidelines.



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**OMNIGUARD™ UHS FLOOR COATING**

**6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery: use care to avoid falling.  
**Environment Precautions:** Keep spills and cleaning run-off out of sewers and open bodies of water.

**CONTAINMENT AND CLEAN-UP**

**Small Spills:** Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.  
**Large Spills:** Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.  
**Waste Disposal:** Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

**7: HANDLING AND STORAGE**

**Precautions for Safe Handling:** Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas.  
**Conditions for Safe Storage:** Storage temperature ( Max. 60°C/140°F - Min. 1°C/34°F).  
**Other Information:** Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits:** None  
**Engineering Controls:** Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.  
**Personal Protective Equipment (PPE)**  
**Eye/Face Protection:** Safety eyewear is recommended, to avoid chemical splashes and mists.  
**Skin Protection:** Chemical resistant gloves are recommended.  
**Respiratory Protection:** No personal protective equipment required with normal use. General room ventilation should be adequate.  
**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** milky, white liquid  
**Odor:** mild odor, no added fragrance  
**Odor Threshold:** data not available  
**pH:** 8.0  
**Freezing Point:** data not available  
**Boiling Point:** data not available  
**Flash Point:** >200 °F / >93 °C  
**Evaporation Rate:** less than water  
**Flammability (solid/gas):** not applicable to liquids  
**Upper/Lower Flammability limits:** data not available  
**Vapor Pressure:** data not available  
**Vapor Density:** data not available  
**Relative Density:** 8.5 lb/gal @ 68°F / 1.03 kg/l @ 20°C  
**Solubility:** miscible in water  
**Partition Coefficient:** data not available  
**Auto Ignition temperature:** data not available  
**Decomposition Temperature:** data not available  
**Viscosity:** < 10 centipoise @ 68 °F (20 °C)  
**VOC:** 0.06%



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**OMNIGUARD™ UHS FLOOR COATING**

**10: STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions  
**Stability:** Stable under normal conditions  
**Hazardous reactions:** None known  
**Conditions to avoid:** None known  
**Incompatible materials:** Do not mix with other chemicals unless stated on the product label.  
**Hazardous decomposition products:** None known

**11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** Not determined on product.

**LOCAL EFFECTS**

**Skin contact:** May cause mild irritation.  
**Eye contact:** May cause mild irritation.  
**Sensitization:** None expected  
**Chronic effects:** None expected

**SPECIFIC EFFECTS**

**Carcinogenicity:** None known  
**Reproductive effects:** None known  
**Teratogenicity:** None known  
**Mutagenicity:** None known

**COMPONENT INFORMATION**

| Component                         | LD50 Oral-Rat (mg/kg) | LD50 Dermal - Rabbit (µl/kg) | LC50 Inhalation-Rat (mg/m <sup>3</sup> ) |
|-----------------------------------|-----------------------|------------------------------|--|
| diethylene glycol monoethyl ether | 1920                  | 4200                         | >5240                                    |

**Carcinogenicity:** Components are not known to be classified as carcinogens.

**12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Ecological testing has not been completed on the mixture.  
**Persistence and Degradability:** Data not available.  
**Bioaccumulative Potential:** Data not available.  
**Mobility in Soil:** Data not available.  
**Other Adverse Effects:** Data not available.

**13: DISPOSAL CONSIDERATIONS**

Disposal of this material should be in accordance with local, regional and national regulations.

**14: TRANSPORT INFORMATION**

This product is not classified as hazardous for transportation.

**UN Number:** None  
**UN Proper Shipping Name:** None  
**Hazard Class:** None  
**Packing Group:** None  
**Marine Pollutant:** None  
**Transport in Bulk:** N/A  
**Other Information:** None

**15: REGULATORY INFORMATION**

**U.S. REGULATIONS/REPORTING:**

| Ingredient                        | CAS Number | SARA 302/304 | SARA 313 | CERCLA |
|-----------------------------------|------------|--------------|----------|--------|
| diethylene glycol monoethyl ether | 111-90-0   | N/L          | present* | ***    |

**STATE RIGHT-TO-KNOW STATUS:**

| Ingredient                        | CAS Number | MA - RTK | NJ - RTK | PA - RTK | RJ - RTK |
|-----------------------------------|------------|----------|----------|----------|----------|
| diethylene glycol monoethyl ether | 111-90-0   | N/L      | N/L      | present* | N/L      |

**CALIFORNIA PROPOSITION 65:** Components are not present on CA Prop 65 listing.



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**OMNIGUARD™ UHS FLOOR COATING**

**CANADA REGULATIONS/REPORTING:** This product has been classified in accordance with the hazard criteria of the Hazardous Product Regulation (HPR) and the SDS contains the information required by the HPR.

**16: OTHER INFORMATION**

**Abbreviations Used:**

N/A - Not applicable

N/E - Not Established

N/L - Not Listed

\* - listed as generic class Glycol Ethers

\*\*\* - No RQ assigned, although a CERCLA hazardous substance

**Revision Information:**

May 25, 2016 - Logo change, email address, minor edits

|               |   |
|---------------|---|
|               |   |
| Health:       | 1 |
| Flammability: | 0 |
| Reactivity:   | 0 |

Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer based on its own studies and the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) or the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnish of such information.

This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

**\*\*IMPORTANT SAFETY INFORMATION\*\*DO NOT DISCARD\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\***

**SAFETY DATA SHEET****141: READY TO USE**

Conforms to 1910.1200

Issued: May 26, 2017

Supersedes: May 25, 2016

**OMNIGUARD™ UHS FLOOR COATING****1: PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** OmniGuard UHS Floor Coating **Product Number:** 141  
**Recommended Use:** Floor Finish  
Ready to Use.  
Product intended for commercial and industrial use only.  
**Uses Advised Against:** Other than per labelled instructions

**Manufacturer Address:**

Amano Pioneer Eclipse Corporation  
P.O. Box 909  
1 Eclipse Road  
Sparta, NC 28675  
Telephone: 1-336-372-8080  
Email: sds@pioneereclipse.com  
Internet: www.pioneereclipse.com

**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.  
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

**2: HAZARDS IDENTIFICATION**

**Classification:** Not classified as hazardous; as determined by OSHA 1910.1200.  
**Signal Word:** None  
**Pictogram:** None  
**Hazard Statements:** None  
**Precautionary Statements:** None  
**Other Hazards:** None  
**Supplemental Information:** None

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                        | CAS Number | Weight % * |
|-----------------------------------|------------|------------|
| diethylene glycol monoethyl ether | 111-90-0   | 3 - 7      |

\* Exact concentration of the ingredients has been withheld as a trade secret.

**4: FIRST AID MEASURES****DESCRIPTION OF FIRST AID MEASURES**

**Eye Contact:** Rinse with plenty of water. If irritation develops and persists, seek medical attention.  
**Skin Contact:** Wash with soap and plenty of water. If irritation develops and persists, seek medical attention.  
**Inhalation:** If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.  
**Ingestion:** If ingested, do not induce vomiting. Seek medical attention.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**Eye Contact:** None expected under normal use.  
**Skin Contact:** None expected under normal use.  
**Inhalation:** None expected under normal use.  
**Ingestion:** None expected under normal use.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Treat symptomatically.

**5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing media:** Dry Chemical, water spray, foam, carbon dioxide  
**Specific Hazards:** Materials can splatter above 212 °F / 100 °C  
**Protective Equipment and Precautions:** No special fire fighting procedures recommended. Follow all general fire safety guidelines.





# SAFETY DATA SHEET

## 141: READY TO USE

Conforms to 1910.1200

Issued: May 26, 2017

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### OMNIGUARD™ UHS FLOOR COATING

#### 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery: use care to avoid falling.

**Environment Precautions:** Keep spills and cleaning run-off out of sewers and open bodies of water.

#### CONTAINMENT AND CLEAN-UP

**Small Spills:** Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.

**Large Spills:** Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.

**Waste Disposal:** Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

#### 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas.

**Conditions for Safe Storage:** Storage temperature ( Max. 60°C/140°F - Min. 1°C/34°F).

**Other Information:** Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.

#### 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** None

**Engineering Controls:** Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

**Personal Protective Equipment (PPE)**

**Eye/Face Protection:** No personal protective equipment required with normal use.

**Skin Protection:** No personal protective equipment required with normal use.

**Respiratory Protection:** No personal protective equipment required with normal use. General room ventilation should be adequate.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

#### 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** milky, white liquid

**Odor:** mild odor, no added fragrance

**Odor Threshold:** data not available

**pH:** 8.0

**Freezing Point:** data not available

**Boiling Point:** data not available

**Flash Point:** >200 °F / >93 °C

**Evaporation Rate:** less than water

**Flammability (solid/gas):** not applicable to liquids

**Upper/Lower Flammability limits:** data not available

**Vapor Pressure:** data not available

**Vapor Density:** data not available

**Relative Density:** 8.5 lb/gal @ 68°F / 1.03 kg/l @ 20°C

**Solubility:** miscible in water

**Partition Coefficient:** data not available

**Auto Ignition temperature:** data not available

**Decomposition Temperature:** data not available

**Viscosity:** < 10 centipoise @ 68 °F (20 °C)

**VOC:** 0.06%



**SAFETY DATA SHEET**  
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**OMNIGUARD™ UHS FLOOR COATING**

**10: STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions  
**Stability:** Stable under normal conditions  
**Hazardous reactions:** None known  
**Conditions to avoid:** None known  
**Incompatible materials:** Do not mix with other chemicals unless stated on the product label.  
**Hazardous decomposition products:** None known

**11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** Not determined on product.

**LOCAL EFFECTS**

**Skin contact:** May cause mild irritation.  
**Eye contact:** May cause mild irritation.  
**Sensitization:** None expected  
**Chronic effects:** None expected

**SPECIFIC EFFECTS**

**Carcinogenicity:** None known  
**Reproductive effects:** None known  
**Teratogenicity:** None known  
**Mutagenicity:** None known

**COMPONENT INFORMATION**

| Component                         | LD50 Oral-<br>Rat (mg/kg) | LD50 Dermal -<br>Rabbit (µl/kg) | LC <sub>50</sub> Inhalation-<br>Rat (mg/m <sup>3</sup> ) |
|-----------------------------------|---------------------------|---------------------------------|--|
| diethylene glycol monoethyl ether | 1920                      | 4200                            | >5240  |

**Carcinogenicity:** Components are not known to be classified as carcinogens.

**12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Ecological testing has not been completed on the mixture.  
**Persistence and Degradability:** Data not available.  
**Bioaccumulative Potential:** Data not available.  
**Mobility in Soil:** Data not available.  
**Other Adverse Effects:** Data not available.

**13: DISPOSAL CONSIDERATIONS**

**Waste residues or unused products:**  
 Product as sold, if discarded or disposed, is not a hazardous waste according to 40 CFR 261. It is the responsibility of the end user to determine, at the time of disposal, if the waste solution meets the criteria for hazardous waste. Disposal of this material should be in accordance with local, regional and national regulations.

**Packaging:** Do not reuse empty containers.  
**RCRA Hazard Class:** Not Regulated

**14: TRANSPORT INFORMATION**

This product is not classified as hazardous for transportation.

**UN Number:** None  
**UN Proper Shipping Name:** None  
**Hazard Class:** None  
**Packing Group:** None  
**Marine Pollutant:** None  
**Transport in Bulk:** N/A  
**Other Information:** None

**15: REGULATORY INFORMATION**

**U.S. REGULATIONS/REPORTING:**

| Ingredient                        | CAS Number | SARA<br>302/304 | SARA 313 | CERCLA |
|-----------------------------------|------------|-----------------|----------|--------|
| diethylene glycol monoethyl ether | 111-90-0   | N/L             | present* | ***    |



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**OMNIGUARD™ UHS FLOOR COATING**

**STATE RIGHT-TO-KNOW STATUS:**

| Ingredient                        | CAS Number | MA - RTK | NJ - RTK | PA - RTK | RI - RTK |
|-----------------------------------|------------|----------|----------|----------|----------|
| diethylene glycol monoethyl ether | 111-90-0   | N/L      | N/L      | present* | N/L      |

**CALIFORNIA PROPOSITION 65:** Components are not present on CA Prop 65 listing.

**CANADA REGULATIONS/REPORTING:** This product has been classified in accordance with the hazard criteria of the Hazardous Product Regulation (*HPR*) and the SDS contains the information required by the *HPR*.

| Ingredient                        | CAS Number | Weight % |
|-----------------------------------|------------|----------|
| diethylene glycol monoethyl ether | 111-90-0   | 6.9      |

**16: OTHER INFORMATION**

**Abbreviations Used:**

- N/A - Not applicable
- N/E - Not Established
- N/L - Not Listed
- \* - listed as generic class Glycol Ethers
- \*\*\* - No RQ assigned, although a CERCLA hazardous substance

**Revision Information:**

May 26, 2017 - Revisions § 8, 13, 15

|               |   |
|---------------|---|
|               |   |
| Health:       | 1 |
| Flammability: | 0 |
| Reactivity:   | 0 |

Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer based on its own studies and the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) or the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnish of such information.

This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

**\*\*IMPORTANT SAFETY INFORMATION\*\*DO NOT DISCARD\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\***



# SAFETY DATA SHEET

## 141: READY TO USE

Conforms to 1910.1200

Issued: April 20, 2020

Supersedes: May 26, 2017

### OMNIGUARD™ UHS FLOOR COATING

#### 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** OmniGuard UHS Floor Coating **Product Number:** 141  
**Recommended Use:** Floor finish with AMP AntiMicrobial Technology  
Ready to Use.  
Product intended for commercial and industrial use only.  
**Uses Advised Against:** Other than per labelled instructions

#### **Manufacturer Address:**

Amano Pioneer Eclipse Corporation  
P.O. Box 909  
1 Eclipse Road  
Sparta, NC 28675  
Telephone: 1-336-372-8080  
Email: sds@pioneereclipse.com  
Internet: www.pioneereclipse.com

**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.  
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

#### 2: HAZARDS IDENTIFICATION

**Classification:** Not classified as hazardous; as determined by OSHA 1910.1200.  
**Signal Word:** None  
**Pictogram:** None  
**Hazard Statements:** None  
**Precautionary Statements:** None  
**Other Hazards:** None  
**Supplemental Information:** None

#### 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient                        | CAS Number | Weight % * |
|-----------------------------------|------------|------------|
| diethylene glycol monoethyl ether | 111-90-0   | 3 - 7      |

\* Exact concentration of the ingredients has been withheld as a trade secret.

#### 4: FIRST AID MEASURES

##### DESCRIPTION OF FIRST AID MEASURES

**Eye Contact:** Rinse with plenty of water. If irritation develops and persists, seek medical attention.  
**Skin Contact:** Wash with soap and plenty of water. If irritation develops and persists, seek medical attention.  
**Inhalation:** If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.  
**Ingestion:** If ingested, do not induce vomiting. Seek medical attention.

##### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

**Eye Contact:** None expected under normal use.  
**Skin Contact:** None expected under normal use.  
**Inhalation:** None expected under normal use.  
**Ingestion:** None expected under normal use.

##### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

#### 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing media:** Dry Chemical, water spray, foam, carbon dioxide  
**Specific Hazards:** Materials can splatter above 212 °F / 100 °C  
**Protective Equipment and Precautions:** No special fire fighting procedures recommended. Follow all general fire safety guidelines.



# SAFETY DATA SHEET

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### OMNIGUARD™ UHS FLOOR COATING

#### 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery; use care to avoid falling.

**Environment Precautions:** Keep spills and cleaning run-off out of sewers and open bodies of water.

#### CONTAINMENT AND CLEAN-UP

**Small Spills:** Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.

**Large Spills:** Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.

**Waste Disposal:** Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

#### 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas.

**Conditions for Safe Storage:** Storage temperature ( Max. 60°C/140°F - Min. 1°C/34°F).

**Other Information:** Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.

#### 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** None

**Engineering Controls:** Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

#### Personal Protective Equipment (PPE)

**Eye/Face Protection:** No personal protective equipment required with normal use.

**Skin Protection:** No personal protective equipment required with normal use.

**Respiratory Protection:** No personal protective equipment required with normal use. General room ventilation should be adequate.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

#### 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** milky, white liquid  
**Odor:** mild odor, no added fragrance  
**Odor Threshold:** data not available  
**pH:** 8.0  
**Freezing Point:** data not available  
**Boiling Point:** data not available  
**Flash Point:** >200 °F / >93 °C  
**Evaporation Rate:** less than water  
**Flammability (solid/gas):** not applicable to liquids  
**Upper/Lower Flammability limits:** data not available  
**Vapor Pressure:** data not available  
**Vapor Density:** data not available  
**Relative Density:** 8.5 lb/gal @ 68°F / 1.03 kg/l @ 20°C  
**Solubility:** miscible in water  
**Partition Coefficient:** data not available  
**Auto Ignition temperature:** data not available  
**Decomposition Temperature:** data not available  
**Viscosity:** < 10 centipoise @ 68 °F (20 °C)  
**VOC:** 0.02%



# SAFETY DATA SHEET

## 141: READY TO USE

Conforms to 1910.1200  
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### OMNIGUARD™ UHS FLOOR COATING

#### 10: STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions  
**Stability:** Stable under normal conditions  
**Hazardous reactions:** None known  
**Conditions to avoid:** None known  
**Incompatible materials:** Do not mix with other chemicals unless stated on the product label.  
**Hazardous decomposition products:** None known

#### 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Toxicity testing has not been completed on the mixture.  
ATE<sub>mix</sub> (oral): > 2000 mg/kg  
ATE<sub>mix</sub> (dermal): > 2000 mg/kg  
ATE<sub>mix</sub> (inhalation): > 20 mg/l (4 hr/vapour)

##### LOCAL EFFECTS

**Skin contact:** May cause mild irritation.  
**Eye contact:** May cause mild irritation.  
**Sensitization:** None expected  
**Chronic effects:** None expected

##### SPECIFIC EFFECTS

**Carcinogenicity:** None known  
**Reproductive effects:** None known  
**Teratogenicity:** None known  
**Mutagenicity:** None known

#### COMPONENT INFORMATION

| Component                         | LD50 Oral-<br>Rat (mg/kg) | LD50 Dermal -<br>Rabbit (µl/kg) | LC <sub>50</sub> Inhalation-<br>Rat (mg/m <sup>3</sup> ) |
|-----------------------------------|---------------------------|---------------------------------|--|
| diethylene glycol monoethyl ether | 1920                      | 4200                            | >5240  |

##### Carcinogenicity:

| Component              | CAS #    | IARC |
|------------------------|----------|------|
| sodium o-phenylphenate | 132-27-4 | 2B   |

#### 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Ecological testing has not been completed on the mixture.  
**Persistence and Degradability:** Data not available.  
**Bioaccumulative Potential:** Data not available.  
**Mobility in Soil:** Data not available.  
**Other Adverse Effects:** Data not available.

#### 13: DISPOSAL CONSIDERATIONS

##### Waste residues or unused products:

Product as sold, if discarded or disposed, is not a hazardous waste according to 40 CFR 261. It is the responsibility of the end user to determine, at the time of disposal, if the waste solution meets the criteria for hazardous waste. Disposal of this material should be in accordance with local, regional and national regulations.

**Packaging:** Do not reuse empty containers.

**RCRA Hazard Class:** Not Regulated

#### 14: TRANSPORT INFORMATION

This product is not classified as hazardous for transportation.

**UN Number:** None  
**UN Proper Shipping Name:** None  
**Hazard Class:** None  
**Packing Group:** None  
**Marine Pollutant:** None  
**Transport in Bulk:** N/A  
**Other Information:** None



# SAFETY DATA SHEET

## 141: READY TO USE

Conforms to 1910.1200

Issued: April 20, 2020

Supersedes: May 26, 2017

### OMNIGUARD™ UHS FLOOR COATING

#### 15: REGULATORY INFORMATION


##### U.S. REGULATIONS/REPORTING:

| Ingredient                        | CAS Number | SARA 302/304 | SARA 313 | CERCLA |
|-----------------------------------|------------|--------------|----------|--------|
| diethylene glycol monoethyl ether | 111-90-0   | N/L          | present* | ***    |

##### STATE RIGHT-TO-KNOW STATUS:

| Ingredient                        | CAS Number | MA - RTK | NJ - RTK | PA - RTK | RI - RTK |
|-----------------------------------|------------|----------|----------|----------|----------|
| diethylene glycol monoethyl ether | 111-90-0   | N/L      | N/L      | present* | N/L      |

##### CALIFORNIA PROPOSITION 65:

 **WARNING:** This product can expose you to Sodium o-phenylphenate, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Ingredient             | CAS Number | Weight % |
|------------------------|------------|----------|
| Sodium o-phenylphenate | 132-27-4   | < 0.1%   |

**CANADA REGULATIONS/REPORTING:** This product has been classified in accordance with the hazard criteria of the Hazardous Product Regulation (*HPR*) and the SDS contains the information required by the *HPR*.

#### 16: OTHER INFORMATION

##### Abbreviations Used:

N/A - Not applicable

N/E - Not Established

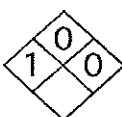
N/L - Not Listed

\* - listed as generic class Glycol Ethers

\*\*\* - No RQ assigned, although a CERCLA hazardous substance

##### Revision Information:

April 20, 2020 - Revisions § 1, 8, 11 & 15

|   |   |
|---|---|
|  |   |
| Health:   | 1 |
| Flammability:   | 0 |
| Reactivity:   | 0 |

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This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

**\*\*IMPORTANT SAFETY INFORMATION\*\*DO NOT DISCARD\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\***

# Pioneer eclipse floor stripper





**SAFETY DATA SHEET**  
**517: CONCENTRATE**

Conforms to 1910.1200  
Issued: May 28, 2016  
Supersedes: April 10, 2015

**EZ-STRIP™ LOW ODOR FLOOR STRIPPER**

**1: PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** EZ-Strip Low Odor Floor Stripper **Product Number:** 517  
**Recommended Use:** Low odor floor stripper  
Concentrate - dilute prior to use.  
Product intended for commercial and industrial use only.  
**Uses Advised Against:** Other than per labelled instructions

**Manufacturer Address:**  
Amano Pioneer Eclipse Corporation  
P.O. Box 909  
1 Eclipse Road  
Sparta, NC 28675  
Telephone: 1-336-372-8080  
Email: sds@pioneereclipse.com  
Internet: www.pioneereclipse.com

**FOR CHEMICAL EMERGENCY:** - Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.  
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

**2: HAZARDS IDENTIFICATION**

**Classification:** Skin Corrosion - Category 1B  
Eye Damage - Category 1

**Signal Word:** DANGER

**Pictogram:**



**Hazard Statements:**  
Causes severe skin burns and eye damage.  
Causes serious eye damage.

**Precautionary Statements:**  
Do not breathe mist/vapours/spray.  
Wash thoroughly after handling.  
Wear protective gloves and eye protection.  
IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician if you feel unwell.  
Wash contaminated clothing before reuse.  
Store locked up.  
Dispose of contents/container according to local, regional and national regulations.

**Other Hazards:** None known

**Supplemental Information:** None known

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                       | CAS Number | Weight % * |
|----------------------------------|------------|------------|
| ethylene glycol monophenyl ether | 122-99-6   | 7 - 13     |
| monoethanolamine                 | 141-43-5   | 7 - 13     |
| 2- butoxyethanol                 | 111-76-2   | 3 - 7      |
| sodium metasilicate              | 6834-92-0  | 1 - 5      |

\* Exact concentration of the ingredients has been withheld as a trade secret.



**SAFETY DATA SHEET**  
**517: CONCENTRATE**

Conforms to 1910.1200

Issued: May 28, 2016

Supersedes: April 10, 2015

**EZ-STRIP™ LOW ODOR FLOOR STRIPPER**

**4: FIRST AID MEASURES**

**DESCRIPTION OF FIRST AID MEASURES**

- Eye Contact:** In case of contact, immediately flush eye with plenty of water for at least 15 minutes. (If easy to do, remove contact lenses, if worn). Seek medical attention.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.
- Inhalation:** If breathing is difficult. Remove subject to fresh air. Seek medical attention immediately.
- Ingestion:** Call a physician or poison control center. Do not induce vomiting. Seek medical advice immediately.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

- Eye Contact:** Causes eye burns.
- Skin Contact:** Causes skin burns.
- Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.
- Ingestion:** May cause burns to mouth, throat and stomach.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Treat symptomatically.

**5: FIRE-FIGHTING MEASURES**

- Suitable Extinguishing media:** Water spray, CO<sub>2</sub> dry chemical, alcohol-type or universal type foams
- Specific Hazards:** Corrosive liquid. (See Sections 8 and 10.) Do not spray a solid stream of water or foam directly in hot liquid. This may cause frothing.
- Protective Equipment and Precautions:** Fire fighters should wear NIOSH approved breathing apparatus. Materials can splatter above 100° C / 212° F

**6: ACCIDENTAL RELEASE MEASURES**

- Personal Precautions:** Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery; use care to avoid falling.
- Environment Precautions:** Keep spills and cleaning run-off out of sewers and open bodies of water.

**CONTAINMENT AND CLEAN-UP**

- Small Spills:** Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.
- Large Spills:** Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.
- Waste Disposal:** Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

**7: HANDLING AND STORAGE**

- Precautions for Safe Handling:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use.
- Conditions for Safe Storage:** Storage temperature ( Max. 60°C/140°F - Min. 1°C/34°F)
- Other Information:** Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits:**

| Ingredient       | CAS Number | ACGIH        |       | OSHA          |      |
|------------------|------------|--------------|-------|---------------|------|
|                  |            | TWA          | STEL  | TWA           | STEL |
| 2-butoxyethanol  | 111-76-2   | 20 ppm (BEI) | NL    | 50 ppm (skin) | NL   |
| monoethanolamine | 141-43-5   | 3 ppm        | 6 ppm | 3 ppm         | NL   |



**SAFETY DATA SHEET**  
**517: CONCENTRATE**

Conforms to 1910.1200  
Issued: May 28, 2016  
Supersedes: April 10, 2015

**EZ-STRIP™ LOW ODOR FLOOR STRIPPER**

**Engineering Controls:** Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

**Personal Protective Equipment (PPE)**

**Eye/Face Protection:** Safety eyewear is recommended, to avoid chemical splashes and mists.  
**Skin Protection:** Chemical resistant gloves are recommended.  
**Respiratory Protection:** Respiratory protection should be worn when there is a potential of inadequate ventilation. If exposure limits are exceeded or symptoms are experienced, use an approved respirator.  
**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** clear, colorless liquid  
**Odor:** mild odor, no added fragrance  
**Odor Threshold:** data not available  
**pH:** 12.5  
**Freezing Point:** data not available  
**Boiling Point:** data not available  
**Flash Point:** >200°F / >93°C  
**Evaporation Rate:** less than water  
**Flammability (solid/gas):** not applicable to liquids  
**Flammability limits:** data not available  
**Vapor Pressure:** data not available  
**Vapor Density:** data not available  
**Relative Density:** 8.8 lb/gal @ 68°F / 1.05 kg/l @ 20°C  
**Solubility:** miscible in water  
**Partition Coefficient:** data not available  
**Auto Ignition temperature:** data not available  
**Decomposition Temperature:** data not available  
**Viscosity:** < 10 centipoise @ 68°F (20°C)  
**VOC:** 25.7% (as supplied), 5.1% (1:4), 2.8% (1:8)

**10: STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions.  
**Stability:** Stable under normal conditions.  
**Hazardous reactions:** Adding water directly to the product may generate heat and cause product to splash. To avoid adverse reaction, always add product to water, do not add water to product.  
**Conditions to avoid:** Improper order of dilution  
**Incompatible materials:** Strong acids and oxidizing agents. Do not mix with other chemicals unless stated on the product label.  
**Incompatible materials:** Strong acids and oxidizing agents  
**Hazardous decomposition products:** carbon monoxide, carbon dioxide and nitrogen oxides

**11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** Not determined on product.

**LOCAL EFFECTS**

**Skin contact:** Corrosive  
**Eye contact:** Corrosive  
**Sensitization:** None expected  
**Chronic effects:** None expected

**SPECIFIC EFFECTS**

**Carcinogenicity:** None known  
**Reproductive effects:** None known  
**Teratogenicity:** None known  
**Mutagenicity:** None known



**SAFETY DATA SHEET**  
**517: CONCENTRATE**

Conforms to 1910.1200  
Issued: May 28, 2016  
Supersedes: April 10, 2015

**EZ-STRIP™ LOW ODOR FLOOR STRIPPER**

**COMPONENT INFORMATION**

| Component                        | LD50 Oral-Rat (mg/kg) | LD50 Dermal - Rabbit (mg/kg) | LC50 Inhalation-Rat (mg/l) |
|----------------------------------|-----------------------|------------------------------|----------------------------|
| ethylene glycol monophenyl ether | 1840                  | >2214                        | N/A                        |
| 2- butoxyethanol                 | 470                   | 220                          | 2.2 (4 hr)                 |
| monoethanolamine                 | 1720                  | 1025                         | N/A                        |
| sodium metasilicate              | 1500                  | N/A                          | 2.3 (2 hr)                 |

**Carcinogenicity:**

| Component        | IARC   | NTP | OSHA |
|------------------|--------|-----|------|
| 2- butoxyethanol | IARC 3 | N/L | N/L  |

**12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Ecological testing has not been completed on the mixture.  
**Persistence and Degradability:** Data not available.  
**Bioaccumulative Potential:** Data not available.  
**Mobility in Soil:** Data not available.  
**Other Adverse Effects:** Data not available.

**13: DISPOSAL CONSIDERATIONS**

Disposal of this material should be in accordance with local, regional and national regulations.

**14: TRANSPORT INFORMATION**

**UN Number:** UN1760  
**UN Proper Shipping Name:** Corrosive liquid, n.o.s. (disodium trioxosilicate)  
**Hazard Class:** 8,  
**Packing Group:** II  
**Marine Pollutant:** None  
**Transport in Bulk:** N/A  
**Other Information:** Package volumes <1 L each are shipped as Limited Quantity; as permitted by hazard class and quantity exemption.

**15: REGULATORY INFORMATION**

**U.S. REGULATIONS/REPORTING:**

| Ingredient                       | CAS Number | SARA 302/304 | SARA 313 | CERCLA          |
|----------------------------------|------------|--------------|----------|-----------------|
| ethylene glycol monophenyl ether | 122-99-6   | N/L          | 12% †    | RQ not assigned |
| 2- butoxyethanol                 | 111-76-2   | N/L          | 5% †     | RQ not assigned |

†- listed as Glycol Ethers

**STATE RIGHT-TO-KNOW STATUS:**

| Ingredient                       | CAS Number | MA - RTK | NJ - RTK | PA - RTK | RI - RTK |
|----------------------------------|------------|----------|----------|----------|----------|
| ethylene glycol monophenyl ether | 122-99-6   | present  | present  | present  | present  |
| 2- butoxyethanol                 | 111-76-2   | present  | present  | present  | present  |

**CALIFORNIA PROPOSITION 65:** Components are not present on CA Prop 65 listing.

**CANADA REGULATIONS/REPORTING:** This product has been classified in accordance with the hazard criteria of the Hazardous Product Regulation (HPR) and the SDS contains the information required by the HPR.



**SAFETY DATA SHEET**  
**517: CONCENTRATE**

Conforms to 1910.1200

Issued: May 28, 2016

Supersedes: April 10, 2015

**EZ-STRIP™ LOW ODOR FLOOR STRIPPER**

**16: OTHER INFORMATION**

**Abbreviations Used:**

N/A - Not applicable

N/E - Not Established

N/L - Not Listed

IFV- Inhalable fraction and vapor

IARC 3- Unclassifiable as to Carcinogenicity in Humans

**Revision Information:**

May 28, 2016 - Logo change, email address, minor edits

|               |   |
|---------------|---|
|               |   |
| Health:       | 3 |
| Flammability: | 0 |
| Reactivity:   | 0 |

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This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

**\*\*IMPORTANT SAFETY INFORMATION\*\*DO NOT DISCARD\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\***



# SAFETY DATA SHEET 517: CONCENTRATE

Conforms to 1910.1200

Issued: June 14, 2018

Supersedes: May 28, 2016

## EZ-STRIP™ LOW ODOR FLOOR STRIPPER

### 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** EZ-Strip Low Odor Floor Stripper **Product Number:** 517  
**Recommended Use:** Low odor floor stripper  
Concentrate - dilute prior to use.  
Product intended for commercial and industrial use only.  
**Uses Advised Against:** Other than per labelled instructions

#### **Manufacturer Address:**

Amano Pioneer Eclipse Corporation  
P.O. Box 909  
1 Eclipse Road  
Sparta, NC 28675  
Telephone: 1-336-372-8080  
Email: sds@pioneereclipse.com  
Internet: www.pioneereclipse.com

**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.  
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

### 2: HAZARDS IDENTIFICATION

**Classification:** Skin Corrosion - Category 1B  
Eye Damage - Category 1  
Specific Target Organ Toxicity (Single Exposure) - Category 3

**Signal Word:** DANGER

#### **Pictogram:**



#### **Hazard Statements:**

Causes severe skin burns and eye damage.  
Causes serious eye damage.  
May cause respiratory irritation.

#### **Precautionary Statements:**

Do not breathe mist/vapours/spray.  
Use only outdoors or in a well-ventilated area.  
Wash thoroughly after handling.  
Wear protective gloves and eye protection.  
IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician if you feel unwell.  
Wash contaminated clothing before reuse.  
Store in a well-ventilated place. Keep container tightly closed  
Store locked up.  
Dispose of contents/container according to local, regional and national regulations.

**Other Hazards:** None known

**Supplemental Information:** None known



# SAFETY DATA SHEET

## 517: CONCENTRATE

Conforms to 1910.1200  
Issued: June 14, 2018  
Supersedes: May 28, 2016

### EZ-STRIP™ LOW ODOR FLOOR STRIPPER

#### 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient                       | CAS Number | Weight % * |
|----------------------------------|------------|------------|
| ethylene glycol monophenyl ether | 122-99-6   | 7 - 13     |
| monoethanolamine                 | 141-43-5   | 7 - 13     |
| 2- butoxyethanol                 | 111-76-2   | 3 - 7      |
| sodium metasilicate              | 6834-92-0  | 1 - 5      |

\* Exact concentration of the ingredients has been withheld as a trade secret.

#### 4: FIRST AID MEASURES

##### DESCRIPTION OF FIRST AID MEASURES

- Eye Contact:** In case of contact, immediately flush eye with plenty of water for at least 15 minutes. (If easy to do, remove contact lenses, if worn). Seek medical attention.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.
- Inhalation:** If breathing is difficult. Remove subject to fresh air. Seek medical attention immediately.
- Ingestion:** Call a physician or poison control center. Do not induce vomiting. Seek medical advice immediately.

##### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- Eye Contact:** Causes eye burns.
- Skin Contact:** Causes skin burns.
- Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.
- Ingestion:** May cause burns to mouth, throat and stomach.

##### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

#### 5: FIRE-FIGHTING MEASURES

- Suitable Extinguishing media:** Water spray, CO<sub>2</sub>, dry chemical, alcohol-type or universal type foams
- Specific Hazards:** Corrosive liquid. (See Sections 8 and 10.) Do not spray a solid stream of water or foam directly in hot liquid. This may cause frothing.
- Protective Equipment and Precautions:** Fire fighters should wear NIOSH approved breathing apparatus. Materials can splatter above 100° C / 212° F

#### 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery; use care to avoid falling.
- Environment Precautions:** Keep spills and cleaning run-off out of sewers and open bodies of water.

##### CONTAINMENT AND CLEAN-UP

- Small Spills:** Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.
- Large Spills:** Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.
- Waste Disposal:** Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

#### 7: HANDLING AND STORAGE

- Precautions for Safe Handling:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use.
- Conditions for Safe Storage:** Storage temperature ( Max. 60°C/140°F - Min. 1°C/34°F)
- Other Information:** Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.



# SAFETY DATA SHEET

## 517: CONCENTRATE

Conforms to 1910.1200

Issued: June 14, 2018

Supersedes: May 28, 2016

### EZ-STRIP™ LOW ODOR FLOOR STRIPPER

#### 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Exposure Limits:

| Ingredient       | CAS Number | ACGIH        |       | OSHA          |      |
|------------------|------------|--------------|-------|---------------|------|
|                  |            | TWA          | STEL  | TWA           | STEL |
| 2-butoxyethanol  | 111-76-2   | 20 ppm (BEI) | NL    | 50 ppm (skin) | NL   |
| monoethanolamine | 141-43-5   | 3 ppm        | 6 ppm | 3 ppm         | NL   |

**Engineering Controls:** Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

##### Personal Protective Equipment (PPE)

**Eye/Face Protection:** Safety eyewear is recommended, to avoid chemical splashes and mists.

**Skin Protection:** Chemical resistant gloves are recommended.

**Respiratory Protection:** Respiratory protection should be worn when there is a potential of inadequate ventilation. If exposure limits are exceeded or symptoms are experienced, use an approved respirator.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

#### 9: PHYSICAL AND CHEMICAL PROPERTIES

|                                   |   |
|-----------------------------------|---|
| <b>Appearance:</b>                | clear, colorless liquid                     |
| <b>Odor:</b>                      | mild odor, no added fragrance               |
| <b>Odor Threshold:</b>            | data not available                          |
| <b>pH:</b>                        | 12.5  |
| <b>Freezing Point:</b>            | data not available                          |
| <b>Boiling Point:</b>             | data not available                          |
| <b>Flash Point:</b>               | >200°F / >93°C                              |
| <b>Evaporation Rate:</b>          | less than water                             |
| <b>Flammability (solid/gas):</b>  | not applicable to liquids                   |
| <b>Flammability limits:</b>       | data not available                          |
| <b>Vapor Pressure:</b>            | data not available                          |
| <b>Vapor Density:</b>             | data not available                          |
| <b>Relative Density:</b>          | 8.8 lb/gal @ 68°F / 1.05 kg/l @ 20°C        |
| <b>Solubility:</b>                | miscible in water                           |
| <b>Partition Coefficient:</b>     | data not available                          |
| <b>Auto Ignition temperature:</b> | data not available                          |
| <b>Decomposition Temperature:</b> | data not available                          |
| <b>Viscosity:</b>                 | < 10 centipoise @ 68°F (20°C)               |
| <b>VOC:</b>                       | 25.7% (as supplied), 5.1% (1:4), 2.8% (1:8) |

#### 10: STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions.

**Stability:** Stable under normal conditions.

**Hazardous reactions:** Adding water directly to the product may generate heat and cause product to splash. To avoid adverse reaction, always add product to water, do not add water to product.

**Conditions to avoid:** Improper order of dilution

**Incompatible materials:** Strong acids and oxidizing agents. Do not mix with other chemicals unless stated on the product label.

**Incompatible materials:** Strong acids and oxidizing agents

**Hazardous decomposition products:** carbon monoxide, carbon dioxide and nitrogen oxides





# SAFETY DATA SHEET

## 517: CONCENTRATE

Conforms to 1910.1200  
Issued: June 14, 2018  
Supersedes: May 28, 2016

### EZ-STRIP™ LOW ODOR FLOOR STRIPPER

#### 11: TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** Toxicity testing has not been completed on the mixture.  
Based on available data, the classification criteria are not met.

ATE<sub>mix</sub> (oral): > 2000 mg/kg  
ATE<sub>mix</sub> (dermal): > 2000 mg/kg  
ATE<sub>mix</sub> (inhalation): > 20 mg/l (4 hr/vapour)

#### LOCAL EFFECTS

**Skin contact:** Causes severe skin burns.  
**Eye contact:** Causes serious eye damage.  
**Inhalation:** May cause respiratory irritation.  
**Sensitization:** None expected  
**Chronic effects:** None expected

#### SPECIFIC EFFECTS

**Carcinogenicity:** None known  
**Reproductive effects:** None known  
**Teratogenicity:** None known  
**Mutagenicity:** None known

#### COMPONENT INFORMATION

| Component                        | LD50 Oral-<br>Rat (mg/kg) | LD50 Dermal -<br>Rabbit (mg/kg) | LC50 Inhalation-<br>Rat (mg/l) |
|----------------------------------|---------------------------|---------------------------------|--------------------------------|
| ethylene glycol monophenyl ether | 1840                      | >2214                           | N/A                            |
| 2- butoxyethanol                 | 470                       | 220                             | 2.2 (4 hr)                     |
| monoethanolamine                 | 1720                      | 1025                            | N/A                            |
| sodium metasilicate              | 1500                      | N/A                             | 2.3 (2 hr)                     |

#### Carcinogenicity:

| Component        | IARC   | NTP | OSHA |
|------------------|--------|-----|------|
| 2- butoxyethanol | IARC 3 | N/L | N/L  |

#### 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Ecological testing has not been completed on the mixture.  
**Persistence and Degradability:** Data not available.  
**Bioaccumulative Potential:** Data not available.  
**Mobility in Soil:** Data not available.  
**Other Adverse Effects:** Data not available.

#### 13: DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, regional and national regulations.

#### 14: TRANSPORT INFORMATION

**UN Number:** UN1760  
**UN Proper Shipping Name:** Corrosive liquid, n.o.s. (disodium trioxosilicate)  
**Hazard Class:** 8  
**Packing Group:** II  
**Marine Pollutant:** None  
**Transport in Bulk:** N/A  
**Other Information:** Package volumes <1 L each are shipped as Limited Quantity; as permitted by hazard class and quantity exemption.



**SAFETY DATA SHEET**  
**517: CONCENTRATE**

Conforms to 1910.1200  
Issued: June 14, 2018  
Supersedes: May 28, 2016

**EZ-STRIP™ LOW ODOR FLOOR STRIPPER**

**15: REGULATORY INFORMATION**

**U.S. REGULATIONS/REPORTING:**

| Ingredient                       | CAS Number | SARA 302/304 | SARA 313 | CERCLA          |
|----------------------------------|------------|--------------|----------|-----------------|
| ethylene glycol monophenyl ether | 122-99-6   | N/L          | 12% †    | RQ not assigned |
| 2- butoxyethanol                 | 111-76-2   | N/L          | 5% †     | RQ not assigned |

†- listed as Glycol Ethers

**STATE RIGHT-TO-KNOW STATUS:**

| Ingredient                       | CAS Number | MA - RTK | NJ - RTK | PA - RTK | RI - RTK |
|----------------------------------|------------|----------|----------|----------|----------|
| ethylene glycol monophenyl ether | 122-99-6   | present  | present  | present  | present  |
| 2- butoxyethanol                 | 111-76-2   | present  | present  | present  | present  |

**CALIFORNIA PROPOSITION 65:** Components are not present on CA Prop 65 listing.

**CANADA REGULATIONS/REPORTING:** This product has been classified in accordance with the hazard criteria of the Hazardous Product Regulation (*HPR*) and the SDS contains the information required by the *HPR*.

**16: OTHER INFORMATION**

**Abbreviations Used:**

- N/A - Not applicable
- N/E - Not Established
- N/L - Not Listed
- IFV- Inhalable fraction and vapor
- IARC 3- Unclassifiable as to Carcinogenicity in Humans

**Revision Information:**

June 14, 2018 - Revisions § Section 3, 11 (Classification, Acute Toxicity & Local Effects)

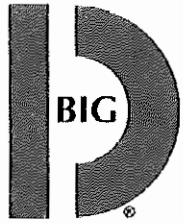
|               |   |
|---------------|---|
|               |   |
| Health:       | 3 |
| Flammability: | 0 |
| Reactivity:   | 0 |

Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer based on its own studies and the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) or the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnish of such information.

This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

**\*\*IMPORTANT SAFETY INFORMATION\*\*DO NOT DISCARD\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\***

D'Vous



# Safety Data Sheet

## Big D D'Vour

### SECTION 1. IDENTIFICATION

**Product Identifier** Big D D'Vour  
**Other Means of Identification** 016600, 016700, 016800, 017000, C0416603, & a kit component of 016900 & 017300  
**Other Identification** d'vour  
**Product Family** Dry Deodorants  
**Recommended Use** Dry Deodorants.  
**Restrictions on Use** None known.  
**Manufacturer** Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com  
**Emergency Phone No.** Big D Industries, 800 535 5053, 24hr (Infotrac)  
**SDS No.** 0332

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 2B

#### GHS Label Elements



**Signal Word:**  
Warning

#### Hazard Statement(s):

H315 Causes skin irritation.  
H320 Causes eye irritation.

#### Precautionary Statement(s):

**Prevention:**  
P264 Wash thoroughly after handling.  
P280 Wear protective gloves.

#### Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 Specific treatment (see on this label).  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.

---

**Product Identifier:** Big D D'Vour  
**SDS No.:** 0332  
**Date of Preparation:** February 24, 2015

P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:  
P401 Store in accordance with local, regional, national and international regulations.

Disposal:  
P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                                | CAS No.     | %     | Other Identifiers |
|--|-------------|-------|-------------------|
| Sodium poly acrylate                         | 9003-04-7   | 98.9  |                   |
| Other components below reportable Levels     | No CAS      | 0.313 |                   |
| Terpenes and Terpenoids, sweet orange-oil    | 68647-72-3  | 0.193 |                   |
| Precipitated silica                          | 112926-00-8 | 0.462 |                   |
| Hydrocarbons, terpene processing by-products | 68956-56-9  | 0.132 |                   |

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Call a Poison Centre or doctor if you feel unwell or are concerned.

##### Skin Contact

Rinse with lukewarm, gently flowing water for 5 minutes.

##### Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

##### Ingestion

Rinse mouth with water. Call a Poison Centre or doctor if you feel unwell or are concerned.

#### Most Important Symptoms and Effects, Acute and Delayed

If on skin:

May cause mild irritation.

If in eyes:

May cause mild irritation.

If swallowed:

Can irritate the mouth, throat and stomach.

#### Immediate Medical Attention and Special Treatment

##### Special Instructions

Not applicable.

##### Medical Conditions Aggravated by Exposure

None known.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

##### Unsuitable Extinguishing Media

Product Identifier: Big D D'Vour  
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Date of Preparation: February 24, 2015

None known.

**Specific Hazards Arising from the Chemical**

Can ignite if strongly heated.  
This product presents no unusual hazards in a fire situation.  
Not known to generate any hazardous decomposition products in a fire.

**Special Protective Equipment and Precautions for Fire-fighters**

No special precautions are necessary.  
Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment, and Emergency Procedures**

No special precautions are necessary.

**Environmental Precautions**

It is good practice to prevent releases into the environment.

**Methods and Materials for Containment and Cleaning Up**

No special clean-up methods are necessary.

**SECTION 7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

No special handling precautions are necessary.

**Conditions for Safe Storage**

No special requirements for storage area.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

| Chemical Name       | ACGIH TLV® |      | OSHA PEL |         | AIHA WEEL |     |
|---------------------|------------|------|----------|---------|-----------|-----|
|                     | TWA        | STEL | TWA      | Ceiling | 8-hr TWA  | TWA |
| Precipitated silica | 3 mg/m3    |      | 5 mg/m3  |         |           |     |

**Appropriate Engineering Controls**

The hazard potential of this product is relatively low. General ventilation is usually adequate.

**Individual Protection Measures**

**Eye/Face Protection**

Not required if product is used as directed.

**Skin Protection**

Not required, if used as directed.

**Respiratory Protection**

Do not breathe in this product.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Basic Physical and Chemical Properties**

|                              |  |
|------------------------------|--|
| Appearance                   | powder. Particle Size: Not available               |
| Odour                        | Fragrant (Fragrance)                               |
| Odour Threshold              | Not available                                      |
| pH                           | Not applicable                                     |
| Melting Point/Freezing Point | Not available (melting); Not applicable (freezing) |
| Initial Boiling Point/Range  | Not applicable                                     |

Product Identifier: Big D D'Vour  
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|   |   |
|---|---|
| <b>Flash Point</b>                                      | Not applicable  |
| <b>Evaporation Rate</b>                                 | Not applicable  |
| <b>Flammability (solid, gas)</b>                        | Not available   |
| <b>Upper/Lower Flammability or Explosive Limit</b>      | Not applicable (upper); Not applicable (lower)            |
| <b>Vapour Pressure</b>                                  | Not applicable  |
| <b>Vapour Density (air = 1)</b>                         | Not applicable  |
| <b>Relative Density (water = 1)</b>                     | Not applicable  |
| <b>Solubility</b>                                       | Not applicable in water; Not available (in other liquids) |
| <b>Partition Coefficient, n-Octanol/Water (Log Kow)</b> | Not applicable  |
| <b>Auto-ignition Temperature</b>                        | Not applicable  |
| <b>Decomposition Temperature</b>                        | Not available   |
| <b>Viscosity</b>  | Not available (kinematic); Not available (dynamic)        |
| <b>Other Information</b>                                |   |
| <b>Physical State</b>                                   | Solid   |
| <b>Molecular Formula</b>                                | Not available   |
| <b>Molecular Weight</b>                                 | Not available   |
| <b>Bulk Density</b>                                     | Not available   |
| <b>Surface Tension</b>                                  | Not available   |
| <b>Critical Temperature</b>                             | Not available   |
| <b>Electrical Conductivity</b>                          | Not available   |
| <b>Vapour Pressure at 50 deg C</b>                      | Not available   |
| <b>Saturated Vapour Concentration</b>                   | Not available   |

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

None known.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Ingestion; eye contact; skin contact; inhalation.

### Acute Toxicity

| Chemical Name | LC50 | LD50 (oral) | LD50 (dermal) |
|---------------|------|-------------|---------------|
|               |      |             |               |

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|                     |                     |                       |
|---------------------|---------------------|-----------------------|
| Precipitated silica | > 10000 mg/kg (rat) | > 5000 mg/kg (rabbit) |
|---------------------|---------------------|-----------------------|

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

**Skin Corrosion/Irritation**

No information was located.

**Serious Eye Damage/Irritation**

There is limited evidence of very mild irritation.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Inhalation**

Not harmful.

**Skin Absorption**

No information was located.

**Ingestion**

No information was located.

**Aspiration Hazard**

No information was located.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

Not known to cause cancer.

**Reproductive Toxicity**

**Development of Offspring**

No information was located.

**Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

**Effects on or via Lactation**

Not known to cause effects on or via lactation.

**Germ Cell Mutagenicity**

Not known to be a mutagen.

**Interactive Effects**

No information was located.

No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOT (Specific Target Organ Toxicity) - Single Exposure, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

**SECTION 12. ECOLOGICAL INFORMATION**

Environmental information was not located.

**Toxicity**

No information was located.

**Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

Product Identifier: Big D D'Vour  
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No information was located.

**Mobility in Soil**

No information was located.

**Other Adverse Effects**

There is no information available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

**SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Special Precautions for User** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15. REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations**

**Canada**

**WHMIS Classification**

Not a WHMIS controlled product.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

Not listed on the DSL or NDSL.

**USA**

**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

**Additional USA Regulatory Lists**

Massachusetts Right To Know: 2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0) 0.0033% wt/wt

New Jersey Right To Know: 2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0) 0.0033% wt/wt

Pennsylvania Right To Know: 2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0) 0.0033% wt/wt.

**SECTION 16. OTHER INFORMATION**

**NFPA Rating** Health - Not Flammability - 0 Instability - 0

**SDS Prepared By** Wayne Hegstrom

**Phone No.** 405 682 2541

**Date of Preparation** February 24, 2015

**Revision Indicators** Not applicable.

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Product Identifier: Big D D'Vour  
SDS No.: 0332  
Date of Preparation: February 24, 2015

scaleaway



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** ScaleAway

**Other means of identification**  
**Product code** F229012

**Recommended use** Bathroom Cleaner/Descaler

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**  
**Manufacturer**

**Company name** Franklin Cleaning Technology

**Address** One Fuller Way  
Great Bend, KS 67530  
United States

**Telephone** Customer Service (800) 810-4829

**E-mail** Not available.

**Emergency phone number** CHEMTREC (800) 424-9300  
Emergency (620) 792-1711  
24 hour Emergency (800) 424-9300

## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Skin corrosion/irritation Category 1  
Serious eye damage/eye irritation Category 1

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

### Label elements



**Signal word** Danger

**Hazard statement** Causes severe skin burns and eye damage. Causes serious eye damage.

**Precautionary statement**

**Prevention** Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Specific treatment (see this label). Wash contaminated clothing before reuse.

**Storage** Store locked up.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name  | Common name and synonyms | CAS number | %         |
|----------------|--------------------------|------------|-----------|
| GLYCOLLIC ACID |                          | 79-14-1    | 10 - < 20 |

| Chemical name                            | Common name and synonyms | CAS number | %         |
|--|--------------------------|------------|-----------|
| UNDECETH-7                               |                          | 34398-01-1 | 1 - < 3   |
| Other components below reportable levels |                          |            | 80 - < 90 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

|   |  |
|---|--|
| <b>Inhalation</b>   | Move to fresh air. Call a physician if symptoms develop or persist.  |
| <b>Skin contact</b>   | Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.   |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.  |
| <b>Ingestion</b>  | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |
| <b>General information</b>  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.   |

#### 5. Fire-fighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                      |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.   |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire-fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.                                 |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| <b>General fire hazards</b>  | No unusual fire or explosion hazards noted.   |

#### 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.                |
| <b>Methods and materials for containment and cleaning up</b>               | Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Use water spray to reduce vapors or divert vapor cloud drift. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. |
| <b>Environmental precautions</b>   | Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.   |

#### 7. Handling and storage

|   |   |
|---|---|
| <b>Precautions for safe handling</b>                                | Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store locked up. Store in original tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).                                 |

## 8. Exposure controls/personal protection

|  |  |
|--|--|
| <b>Occupational exposure limits</b>  | No exposure limits noted for ingredient(s).  |
| <b>Biological limit values</b>   | No biological exposure limits noted for the ingredient(s).   |
| <b>Appropriate engineering controls</b>                                      | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product. |
| <b>Individual protection measures, such as personal protective equipment</b> |  |
| <b>Eye/face protection</b>   | Wear safety glasses with side shields (or goggles) and a face shield.  |
| <b>Skin protection</b>   |  |
| <b>Hand protection</b>   | Wear appropriate chemical resistant gloves.  |
| <b>Other</b>   | Wear appropriate chemical resistant clothing.  |
| <b>Respiratory protection</b>  | In case of insufficient ventilation, wear suitable respiratory equipment.  |
| <b>Thermal hazards</b>   | Wear appropriate thermal protective clothing, when necessary.  |
| <b>General hygiene considerations</b>  | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.  |

## 9. Physical and chemical properties

|   |                           |
|---|---------------------------|
| <b>Appearance</b>                                   | Viscous Liquid            |
| <b>Physical state</b>                               | Liquid.                   |
| <b>Form</b>   | Liquid.                   |
| <b>Color</b>  | Blue                      |
| <b>Odor</b>   | Matches to Standard       |
| <b>Odor threshold</b>                               | Not available.            |
| <b>pH</b>   | 2.2                       |
| <b>Melting point/freezing point</b>                 | 32 °F (0 °C)              |
| <b>Initial boiling point and boiling range</b>      | 212 °F (100 °C) estimated |
| <b>Flash point</b>                                  | > 212.0 °F (> 100.0 °C)   |
| <b>Evaporation rate</b>                             | Not available.            |
| <b>Flammability (solid, gas)</b>                    | Not available.            |
| <b>Upper/lower flammability or explosive limits</b> |                           |
| <b>Flammability limit - lower (%)</b>               | Not available.            |
| <b>Flammability limit - upper (%)</b>               | Not available.            |
| <b>Explosive limit - lower (%)</b>                  | Not available.            |
| <b>Explosive limit - upper (%)</b>                  | Not available.            |
| <b>Vapor pressure</b>                               | 0.61 hPa estimated        |
| <b>Vapor density</b>                                | Not available.            |
| <b>Relative density</b>                             | Not available.            |
| <b>Solubility(ies)</b>                              |                           |
| <b>Solubility (water)</b>                           | Not available.            |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.            |
| <b>Auto-ignition temperature</b>                    | Not available.            |
| <b>Decomposition temperature</b>                    | Not available.            |
| <b>Viscosity</b>                                    | Not available.            |
| <b>Other information</b>                            |                           |
| <b>Density</b>                                      | 8.65 lbs/gal              |

|                  |                   |
|------------------|-------------------|
| Percent volatile | 87.25 % estimated |
| Specific gravity | 1.04              |
| VOC (Weight %)   | 0                 |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.  |
| <b>Conditions to avoid</b>                | Avoid temperatures exceeding the flash point. Contact with incompatible materials.            |
| <b>Incompatible materials</b>             | Strong oxidizing agents.  |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Ingestion</b>    | Causes digestive tract burns.                   |
| <b>Inhalation</b>   | May cause irritation to the respiratory system. |
| <b>Skin contact</b> | Causes severe skin burns.                       |
| <b>Eye contact</b>  | Causes serious eye damage.                      |

**Symptoms related to the physical, chemical and toxicological characteristics** Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

### Information on toxicological effects

**Acute toxicity** Not available.

| Product                 | Species    | Test Results                    |
|-------------------------|------------|---------------------------------|
| ScaleAway (CAS Mixture) |            |                                 |
| <b>Acute</b>            |            |                                 |
| <i>Inhalation</i>       |            |                                 |
| LC50                    | Rat        | 73.3333 mg/l, 4 Hours estimated |
| <i>Oral</i>             |            |                                 |
| LD50                    | Guinea pig | 18285.7148 mg/kg estimated      |
|                         | Rat        | 18232.8184 mg/kg estimated      |
| <i>Other</i>            |            |                                 |
| LD50                    | Mouse      | 165000 mg/kg estimated          |
|                         | Rat        | 9478.6729 mg/kg estimated       |

\* Estimates for product may be based on additional component data not shown.

|   |  |
|---|--|
| <b>Skin corrosion/irritation</b>                                      | Causes severe skin burns and eye damage.   |
| <b>Serious eye damage/eye irritation</b>                              | Causes serious eye damage.   |
| <b>Respiratory or skin sensitization</b>                              |  |
| <b>Respiratory sensitization</b>                                      | Not available.   |
| <b>Skin sensitization</b>   | This product is not expected to cause skin sensitization.  |
| <b>Germ cell mutagenicity</b>   | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| <b>Carcinogenicity</b>  | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                  |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b> |  |
| Not listed.   |  |
| <b>Reproductive toxicity</b>  | This product is not expected to cause reproductive or developmental effects.                                     |
| <b>Specific target organ toxicity - single exposure</b>               | Not classified.  |

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not available.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Product                 | Species | Test Results                              |
|-------------------------|---------|---|
| ScaleAway (CAS Mixture) |         |   |
| <b>Aquatic</b>          |         |   |
| Crustacea               | EC50    | Daphnia 246.6667 mg/l, 48 hours estimated |
| Fish                    | LC50    | Fish 315.5604 mg/l, 96 hours estimated    |

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Partition coefficient n-octanol / water (log Kow)**

GLYCOLLIC ACID -1.11

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### DOT

UN number ID8000  
UN proper shipping name Consumer commodity  
Transport hazard class(es)  
Class 9  
Subsidiary risk -  
Label(s) 9  
Packing group Not applicable.  
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.  
Packaging exceptions 167  
Packaging non bulk 167  
Packaging bulk None

### IATA

UN number ID8000  
UN proper shipping name Consumer commodity  
Transport hazard class(es)  
Class 9  
Subsidiary risk -  
Packing group Not applicable.  
Environmental hazards No.  
ERG Code 9L  
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

**Other information**

Passenger and cargo aircraft Allowed.  
Cargo aircraft only Allowed.

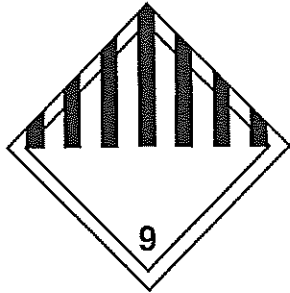
**IMDG**

UN number ID8000  
UN proper shipping name Consumer commodity  
Transport hazard class(es)  
Class 9  
Subsidiary risk -  
Label(s) 9  
Packing group Not applicable.  
Environmental hazards  
Marine pollutant No.  
EmS Not available.

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** This substance/mixture is not intended to be transported in bulk.

DOT; IATA; IMDG



**15. Regulatory information**

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are listed or exempted from listing on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes

**SARA 313 (TRI reporting)**  
Not regulated.



**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**US state regulations**

**US. Massachusetts RTK - Substance List**

Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed.

**US. Pennsylvania Worker and Community Right-to-Know Law**

Not listed.

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**16. Other information, including date of preparation or last revision**

**Issue date** 10-31-2014

**Revision date** 04-22-2015

**Version #** 02

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Revision Information**

Product and Company Identification: Product Uses  
Physical & Chemical Properties: Multiple Properties  
Toxicological Information: Toxicological Data  
Transport Information: Proper Shipping Name/Packing Group  
HazReg Data: North America

Alcohol free foam hand sanitizer

# SAFETY DATA SHEET

## KLEENEX® Alcohol Free Foam Hand Sanitizer

Version 1.0      Revision Date: 06-02-2015      MSDS Number: 100000003295      Date of last issue: -  
Date of first issue: 06-02-2015

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### SECTION 1. IDENTIFICATION

Product name : KLEENEX® Alcohol Free Foam Hand Sanitizer

Product code : 12977, 12979, 34136, 34135, 34111

#### Manufacturer or supplier's details

Company name of supplier : Kimberly-Clark Corporation

Address : 1400 Holcomb Bridge Road,  
Roswell, GA 30076-2199

Telephone : 1-888-346-6452

Emergency telephone : 1-877-561-6587

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS Label element

Not a hazardous substance or mixture.

#### Other hazards

None known.

---

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous ingredients

| Chemical Name         | CAS-No.   | Concentration (%) |
|-----------------------|-----------|-------------------|
| benzalkonium chloride | 8001-54-5 | >= 0 - < 1        |

---

### SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.

In case of skin contact : Wash off with warm water.  
If skin irritation persists, call a physician.

In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.

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# SAFETY DATA SHEET

## KLEENEX® Alcohol Free Foam Hand Sanitizer

|                |                              |                              |  |
|----------------|------------------------------|------------------------------|--|
| Version<br>1.0 | Revision Date:<br>06-02-2015 | MSDS Number:<br>100000003295 | Date of last issue: -<br>Date of first issue: 06-02-2015 |
|----------------|------------------------------|------------------------------|--|

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If symptoms persist, call a physician or Poison Control Center immediately.

Most important symptoms and effects, both acute and delayed : No information available.

Notes to physician : No information available.

---

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous combustion products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

Further information : Standard procedure for chemical fires.

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

---

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Not required under normal use.  
No conditions to be specially mentioned.

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

---

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : For personal protection see section 8.  
No special handling advice required.

Conditions for safe storage : Store at room temperature in the original container.

Materials to avoid : No special restrictions on storage with other products.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

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# SAFETY DATA SHEET

## KLEENEX® Alcohol Free Foam Hand Sanitizer

|                |                              |                              |  |
|----------------|------------------------------|------------------------------|--|
| Version<br>1.0 | Revision Date:<br>06-02-2015 | MSDS Number:<br>100000003295 | Date of last issue: -<br>Date of first issue: 06-02-2015 |
|----------------|------------------------------|------------------------------|--|

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Engineering measures : none

### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

### Hand protection

Remarks : not required under normal use

Eye protection : not required under normal use

Skin and body protection : Not applicable

Protective measures : No special protective equipment required.

Hygiene measures : General industrial hygiene practice.

---

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : amber

Odor : pleasant

pH : 4.5 - 6.5

Melting point/range : 0 °C

Boiling point/boiling range : 100 °C

Flash point : does not flash

Upper explosion limit : Not applicable

Lower explosion limit : Not applicable

Vapor pressure : similar to water

Solubility(ies)  
Solubility in other solvents : completely soluble

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## SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No hazards to be specially mentioned.

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# SAFETY DATA SHEET

## KLEENEX® Alcohol Free Foam Hand Sanitizer

|                |                              |                              |  |
|----------------|------------------------------|------------------------------|--|
| Version<br>1.0 | Revision Date:<br>06-02-2015 | MSDS Number:<br>100000003295 | Date of last issue: -<br>Date of first issue: 06-02-2015 |
|----------------|------------------------------|------------------------------|--|

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Conditions to avoid : No data available

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

#### Skin corrosion/irritation

Not classified based on available information.

#### Product:

Result: No skin irritation

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Product:

Result: No eye irritation

#### Respiratory or skin sensitization

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

#### Product:

Remarks: No data available

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

**IARC** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

# SAFETY DATA SHEET

## KLEENEX® Alcohol Free Foam Hand Sanitizer

Version 1.0      Revision Date: 06-02-2015      MSDS Number: 100000003295      Date of last issue: -  
Date of first issue: 06-02-2015

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### Reproductive toxicity

Not classified based on available information.

### STOT-single exposure

Not classified based on available information.

### STOT-repeated exposure

Not classified based on available information.

### Aspiration toxicity

Not classified based on available information.

### Experience with human exposure

#### Product:

Inhalation : Remarks: No human information is available.

Skin contact : Remarks: No human information is available.

Eye contact : Remarks: No human information is available.

Ingestion : Remarks: No human information is available.

### Further information

#### Product:

Remarks: No data available

---

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : There is no data available for this product.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Offer surplus and non-recyclable solutions to a licensed dis-

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SAFETY DATA SHEET

**KLEENEX® Alcohol Free Foam Hand Sanitizer**

Version 1.0      Revision Date: 06-02-2015      MSDS Number: 100000003295      Date of last issue: -  
Date of first issue: 06-02-2015

posal company.

Contaminated packaging : Empty remaining contents.

**SECTION 14. TRANSPORT INFORMATION**

**International Regulation**

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
Not applicable for product as supplied.

**Domestic regulation**

**SECTION 15. REGULATORY INFORMATION**

**EPCRA - Emergency Planning and Community Right-to-Know**

SARA 311/312 Hazards : No SARA Hazards

**US State Regulations**

**Massachusetts Right To Know**

No components are subject to the Massachusetts Right to Know Act.

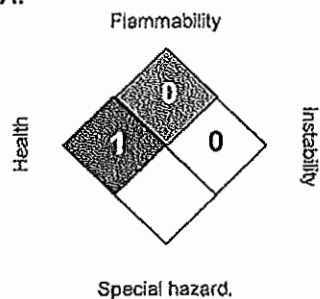
**California Prop 65**

: This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**SECTION 16. OTHER INFORMATION**

**Further information**

**NFPA:**



**HMIS III:**

|                        |          |
|------------------------|----------|
| <b>HEALTH</b>          | <b>1</b> |
| <b>FLAMMABILITY</b>    | <b>0</b> |
| <b>PHYSICAL HAZARD</b> | <b>0</b> |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Revision Date : 06-02-2015



# SAFETY DATA SHEET

## KLEENEX® Alcohol Free Foam Hand Sanitizer

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | MSDS Number: | Date of last issue: -           |
| 1.0     | 06-02-2015     | 100000003295 | Date of first issue: 06-02-2015 |

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US / Z8

# Foaming hand sanitizer



**SAFETY DATA SHEET**  
**3079: READY TO USE**

Conforms to 1910.1200  
Issued: Aug. 13, 2020  
Supersedes: June 9, 2020

**TOUCHÉ™ FOAMING HAND SANITIZER**

**1: PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Touché Foaming Hand Sanitizer **Product Number:** 3079

**Recommended Use:** Foaming hand sanitizer  
Ready to Use.  
Product intended for commercial and industrial use only.

**Uses Advised Against:** Other than per labelled instructions

**Manufacturer Address:**

Amano Pioneer Eclipse Corporation  
P.O. Box 909  
1 Eclipse Road  
Sparta, NC 28675  
Telephone: 1-336-372-8080  
Email: sds@pioneereclipse.com  
Internet: www.pioneereclipse.com

**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.  
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

**2: HAZARDS IDENTIFICATION**

Touché Foaming Hand Sanitizer is an Over-the-Counter (OTC) drug product regulated by the U.S. Food and Drug Administration (FDA). See Section 15 for Drug Facts label content.

**Classification:** Flammable Liquid - Category 2  
Eye Irritation - Category 2

**Signal Word:** Danger

**Pictogram:**



**Hazard Statements:**

Highly flammable liquid and vapor.  
Causes serious eye irritation.

**Precautionary Statements:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep container tightly closed.  
Use non-sparking tools.  
Ground container and receiving equipment.  
Use explosion proof electrical, ventilation, lighting equipment.  
Take precautionary measures against static discharge.  
In case of fire: Use dry chemical, alcohol resistant foam, carbon dioxide  
If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents/container in accordance with local, regional, national and international

**Other Hazards:** None known

**Supplemental Information:** None known

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                          | CAS Number | Weight % |
|-------------------------------------|------------|----------|
| Ethyl alcohol                       | 64-17-5    | 70       |
| Bis-PEG-12 dimethicone              | 63148-62-9 | 1.5      |
| Bis-PEG-12 dimethicone crosspolymer | N/A        | 1.0      |



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**TOUCHÉ™ FOAMING HAND SANITIZER**

**4: FIRST AID MEASURES**

**DESCRIPTION OF FIRST AID MEASURES**

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
**Skin Contact:** Rinse with plenty of water. If irritation develops and persists, seek medical attention.  
**Inhalation:** If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.  
**Ingestion:** If ingested, do not induce vomiting. Seek medical attention.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**Eye Contact:** Causes serious eye irritation.  
**Skin Contact:** None expected under normal use.  
**Inhalation:** None expected under normal use.  
**Ingestion:** None expected under normal use.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Treat symptomatically.

**5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing media:**

Dry sand, dry chemical, CO<sub>2</sub> foam. Water spray can be used to cool fire exposed containers/materials. Use extinguishing media most appropriate for the surrounding fire.

**Unsuitable Extinguishing media:**

Do not use a solid water stream as it may scatter or spread fire.

**Specific Hazards:**

Flammable liquid and vapor.

Hazardous combustion products: CO, CO<sub>2</sub>

**Protective Equipment and Precautions:**

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

**6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:**

Refer to Section 8 for appropriate personal protective equipment. Keep people away from and upwind of the spill/leak. Eliminate all ignition sources. Pay attention to flashback. Take precautionary measures against static discharge. All equipment used when handling the product must be grounded.

**Environment Precautions:**

Keep spills and cleaning run-off out of sewers and open bodies of water.

**CONTAINMENT AND CLEAN-UP**

**Small Spills:**

Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.

**Large Spills:**

Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.

**Waste Disposal:**

Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

**7: HANDLING AND STORAGE**

**Precautions for Safe Handling:**

Avoid contact with eyes. Do not ingest. Avoid breathing vapour or mist. Keep away from open flames, hot surface and sources of ignition. Take necessary action to avoid static electricity discharge.

**Conditions for Safe Storage:**

Store in original container protected from direct sunlight in a cool, dry and well-ventilated area. Store away from incompatible materials and food and drink.

**Other Information:**

Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.



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**TOUCHÉ™ FOAMING HAND SANITIZER**

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits:**

| Ingredient        | CAS Number | ACGIH   |          | OSHA     |      |
|-------------------|------------|---------|----------|----------|------|
|                   |            | TWA     | STEL     | TWA      | STEL |
| Ethyl alcohol     | 64-17-5    | -       | 1000 ppm | 1000 ppm | -    |
| Isopropyl alcohol | 67-63-0    | 400 ppm | 500 ppm  | 400 ppm  | -    |

**Engineering Controls:** Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

**Personal Protective Equipment (PPE)**

**Eye/Face Protection:** No personal protective equipment required with normal use.  
**Skin Protection:** No personal protective equipment required with normal use.  
**Respiratory Protection:** Personal protective equipment not required with normal use. General room ventilation should be adequate. Respiratory protection should be worn when there is a potential of inadequate ventilation. If exposure limits are exceeded or symptoms are experienced, use an approved respirator.  
**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** colorless, clear liquid  
**Odor:** disinfectant (alcohol) odor  
**Odor Threshold:** data not available  
**pH:** 5 - 8 (10% water solution)  
**Freezing Point:** data not available  
**Boiling Point:** > 113°F / > 45 °C (OECD test guideline 103)  
**Flash Point:** < 73.4°F / < 23°C  
**Evaporation Rate:** data not available  
**Flammability (solid/gas):** not applicable to liquids  
**Upper/Lower Flammability limits:** data not available  
**Vapor Pressure:** data not available  
**Vapor Density:** data not available  
**Relative Density:** 0.85-0.95 g/cm<sup>3</sup> (25°C)  
**Solubility:** miscible in water  
**Partition Coefficient:** data not available  
**Auto Ignition temperature:** data not available  
**Decomposition Temperature:** data not available  
**Viscosity:** data not available

**10: STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions  
**Stability:** Stable under normal conditions and normal temperature.  
**Hazardous reactions:** None known  
**Conditions to avoid:** Avoid direct sunlight, overheated and open flames.  
**Incompatible materials:** Strong oxidizing agents. Do not mix with other chemicals unless stated on the product label.  
**Hazardous decomposition products:** Carbon oxides  
 Under normal conditions of storage and use, hazardous decomposition products should not be produced.



**SAFETY DATA SHEET**  
**3079: READY TO USE**

Conforms to 1910.1200  
Issued: Aug. 13, 2020  
Supersedes: June 9, 2020

**TOUCHÉ™ FOAMING HAND SANITIZER**

**11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** Toxicity testing has not been completed on the mixture.

**LOCAL EFFECTS**

**Skin contact:** None expected  
**Eye contact:** Causes serious eye irritation.  
**Sensitization:** None expected  
**Chronic effects:** None expected

**SPECIFIC EFFECTS**

**Carcinogenicity:** None known  
**Reproductive effects:** None known  
**Teratogenicity:** None known  
**Mutagenicity:** None known

**COMPONENT INFORMATION**

| Component         | LD50 Oral-<br>Rat | LD50 Dermal -<br>Rabbit | LC50 Inhalation-<br>Rat (mg/m <sup>3</sup> ) |
|-------------------|-------------------|-------------------------|--|
| Ethyl alcohol     | 7060 mg/kg        | data not available      | data not available                           |
| Isopropyl alcohol | 5045              | data not available      | data not available                           |

**Carcinogenicity:** Components are not known to be classified as carcinogens.

**12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Ecological testing has not been completed on the mixture.  
**Persistence and Degradability:** Data not available.  
**Bioaccumulative Potential:** Data not available.  
**Mobility in Soil:** Data not available.  
**Other Adverse Effects:** Data not available.

**13: DISPOSAL CONSIDERATIONS**

Disposal of this material should be in accordance with local, regional and national regulations.

**14: TRANSPORT INFORMATION**

**UN Number:** UN1993  
**UN Proper Shipping Name:** Flammable liquid, n.o.s. (Ethanol)  
**Hazard Class:** 3  
**Packing Group:** II  
**Marine Pollutant:** None  
**Transport in Bulk:** N/A  
**Other Information:** Package volumes ≤ 1 L are shipped as Limited Quantity.

**15: REGULATORY INFORMATION**

**U.S. REGULATIONS/REPORTING:** TSCA - All ingredients are either listed or exempt from listing on the TSCA Inventory. Components are not subject to US Reporting (SARA 302/304, 313, CERCLA)

**STATE RIGHT-TO-KNOW STATUS:**

| Ingredient | CAS Number | MA - RTK | NJ - RTK | PA - RTK | RI - RTK |
|------------|------------|----------|----------|----------|----------|
| ethanol    | 64-17-5    | present  | present  | present  | present  |

**CALIFORNIA PROPOSITION 65:** Components are not present on CA Prop 65 listing. (Ethanol listing is not applicable for this product.)



**SAFETY DATA SHEET**  
**3079: READY TO USE**

Conforms to 1910.1200  
Issued: Aug. 13, 2020  
Supersedes: June 9, 2020

**TOUCHÉ™ FOAMING HAND SANITIZER**

**FDA DRUG FACTS:**

Active Ingredient: Ethyl Alcohol 70% Purpose: Antibacterial  
Uses: For sanitizing to reduce bacteria on skin.  
Warnings: For external use only.  
Flammable: Keep away from fire or flame.  
When using this product, avoid contact with eyes. In case of eye contact, flush with water.  
Keep out of reach of children. If swallowed, get medical help or contact a Poison Control Center right away.  
Directions: Apply one pump of foaming cleanser to dry hands. Rub into skin. No rinsing required.  
Inactive Ingredients: Water, Isopropyl alcohol, Propylene glycol, PEG-12 Dimethicone crosspolymer, Bis-PEG 12 Dimethicone.

**16: OTHER INFORMATION**

**Abbreviations Used:**

N/A - Not applicable  
N/E - Not Established  
N/L - Not Listed  
TSCA - Toxic Substances Control Act

**Revision Information:**

Aug. 13, 2020 - Revisions Section 2, 3, 4, 6, 9 & 11

|               |   |
|---------------|---|
|               |   |
| Health:       | 1 |
| Flammability: | 3 |
| Reactivity:   | 0 |

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This SDS has been provided to you in accordance with the OSHA Hazard Communication Standard (29CFR1910.1200).

**\*\*IMPORTANT SAFETY INFORMATION\*\*DO NOT DISCARD\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\***

# All purpose defoamer





**SAFETY DATA SHEET**  
**804: READY TO USE**

Conforms to 1910.1200

Issued: Nov. 29, 2016

Supersedes: May 31, 2016

**ECLIPSE™ ALL PURPOSE DEFOAMER**

**1: PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Eclipse All Purpose Defoamer **Product Number:** 804  
**Recommended Use:** Water based defoamer  
Ready to use.  
Product intended for commercial and industrial use only.  
**Uses Advised Against:** Other than per labelled instructions

**Manufacturer Address:**

Amano Pioneer Eclipse Corporation  
P.O. Box 909  
1 Eclipse Road  
Sparta, NC 28675  
Telephone: 1-336-372-8080  
Email: sds@pioneereclipse.com  
Internet: www.pioneereclipse.com

**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.  
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)

**2: HAZARDS IDENTIFICATION**

**Classification:** Not classified as hazardous; as determined by OSHA 1910.1200.  
**Signal Word:** None  
**Pictogram:** None  
**Hazard Statements:** None  
**Precautionary Statements:** None  
**Other Hazards:** None  
**Supplemental Information:** None

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

This product does not contain hazardous ingredients; as determined by OSHA 1910.1200.

**4: FIRST AID MEASURES**

**DESCRIPTION OF FIRST AID MEASURES**

**Eye Contact:** Rinse with plenty of water. If irritation develops and persists, seek medical attention.  
**Skin Contact:** Wash with soap and plenty of water. If irritation develops and persists, seek medical attention.  
**Inhalation:** If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.  
**Ingestion:** If ingested, do not induce vomiting. Seek medical attention.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**Eye Contact:** None expected under normal use.  
**Skin Contact:** None expected under normal use.  
**Inhalation:** None expected under normal use.  
**Ingestion:** None expected under normal use.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

No additional information available

**5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing media:** Dry Chemical, water spray, foam, carbon dioxide  
**Specific Hazards:** Materials can splatter above 212 °F / 100 °C  
**Protective Equipment and Precautions:** No special fire fighting procedures recommended. Follow all general fire safety guidelines.



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## ECLIPSE™ ALL PURPOSE DEFOAMER

### 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Put on personal protective equipment (see Section 8). Keep spectators away. Floors may be slippery; use care to avoid falling.
- Environment Precautions:** Keep spills and cleaning run-off out of sewers and open bodies of water.

### CONTAINMENT AND CLEAN-UP

- Small Spills:** Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.
- Large Spills:** Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.
- Waste Disposal:** Landfill or incinerate the contaminated solids and diking material in accordance with local, state and federal regulations. Non-salvageable liquid should be drummed and disposed of in accordance with local, state and federal regulations.

### 7: HANDLING AND STORAGE

- Precautions for Safe Handling:** Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas.
- Conditions for Safe Storage:** Storage temperature ( Max. 60°C/140°F - Min. 1°C/34°F).
- Other Information:** Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.

### 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure Limits:** None
- Engineering Controls:** Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.
- Personal Protective Equipment (PPE)**
- Eye/Face Protection:** Safety eyewear is recommended, to avoid chemical splashes and mists.
- Skin Protection:** Chemical resistant gloves are recommended.
- Respiratory Protection:** No personal protective equipment required with normal use. General room ventilation should be adequate.
- Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

### 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Milky, white liquid
- Odor:** no added fragrance
- Odor Threshold:** data not available
- pH:** 9.3
- Freezing Point:** data not available
- Boiling Point:** data not available
- Flash Point:** > 200 °F / > 93 °C
- Evaporation Rate:** less than water
- Flammability (solid/gas):** not applicable to liquids
- Flammability limits:** data not available
- Vapor Pressure:** data not available
- Vapor Density:** data not available
- Relative Density:** 8.5 lb/gal @ 68°F / 1.02 kg/l @ 20 °C
- Solubility:** miscible in water
- Partition Coefficient:** data not available
- Auto Ignition temperature:** data not available
- Decomposition Temperature:** data not available
- Viscosity:** 300 centipoise @ 68 °F (20 °C)
- VOC:** 0%



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**ECLIPSE™ ALL PURPOSE DEFOAMER**

**10: STABILITY AND REACTIVITY**

**Reactivity:** Not reactive under normal conditions.  
**Stability:** Stable under normal conditions  
**Hazardous reactions:** None known  
**Conditions to avoid:** None known  
**Incompatible materials:** Do not mix with other chemicals unless stated on the product label.  
**Hazardous decomposition products:** None known

**11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** Not determined on product.

**LOCAL EFFECTS**

**Skin contact:** May cause mild irritation.  
**Eye contact:** May cause mild irritation.  
**Sensitization:** None expected  
**Chronic effects:** None expected

**SPECIFIC EFFECTS**

**Carcinogenicity:** None known  
**Reproductive effects:** None known  
**Teratogenicity:** None known  
**Mutagenicity:** None known

**12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Ecological testing has not been completed on the mixture.  
**Persistence and Degradability:** Data not available.  
**Bioaccumulative Potential:** Data not available.  
**Mobility in Soil:** Data not available.  
**Other Adverse Effects:** Data not available.

**13: DISPOSAL CONSIDERATIONS**

Disposal of this material should be in accordance with local, regional and national regulations.

**14: TRANSPORT INFORMATION**

This product is not classified as hazardous for transportation.

**UN Number:** None  
**UN Proper Shipping Name:** None  
**Hazard Class:** None  
**Packing Group:** None  
**Marine Pollutant:** None  
**Transport in Bulk:** N/A  
**Other Information:** None

**15: REGULATORY INFORMATION**

**U.S. REGULATIONS/REPORTING:** Components are not subject to US Reporting (SARA 302/304, 313, CERCLA)  
**STATE RIGHT-TO-KNOW STATUS:** Components are not subject to State RTK listing (MA, NJ, PA, RI)  
**CALIFORNIA PROPOSITION 65:** Components are not present on CA Prop 65 listing.  
**CANADA REGULATIONS/REPORTING:** This product has been classified in accordance with the hazard criteria of the Hazardous Product Regulation (HPR) and the SDS contains the information required by the HPR.

**16: OTHER INFORMATION**

**Abbreviations Used:**  
N/A - Not applicable  
N/E - Not Established  
N/L - Not Listed

**Revision Information:**  
Nov. 29, 2016 - Revisions Section 1 - Product name and description



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|               |   |
|---------------|---|
|               |   |
| Health:       | 1 |
| Flammability: | 0 |
| Reactivity:   | 0 |

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