

# SAFETY DATA SHEET

## 1. Identification

Product identifier **SaniZide Plus® Germicidal Solution**  
Other means of identification Not available.  
Recommended use Not available.  
Recommended restrictions None known.

### Manufacturer/Importer/Supplier/Distributor information

#### Manufacturer

Manufacturer: Safetec of America, Inc.  
887 Kensington Avenue  
Buffalo, NY 14215  
Company Telephone: 1-716-895-1822  
E-mail Address: www.safetec.com  
Emergency Telephone: 1-800-255-3924  
Supplier Refer to Manufacturer

## 2. Hazard(s) identification

Physical hazards This mixture does not meet the classification criteria according to OSHA HazCom 2012.  
Health hazards Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2A  
Environmental hazards This mixture does not meet the classification criteria according to OSHA HazCom 2012.  
OSHA defined hazards This mixture does not meet the classification criteria according to OSHA HazCom 2012.  
Label elements



Signal word Warning  
Hazard statement Causes serious eye irritation. Causes skin irritation.  
Precautionary statement  
Prevention Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.  
Response 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. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.  
Storage None required according to OSHA Hazcom 2012.  
Disposal None required according to OSHA Hazcom 2012.  
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 | %     |
|-----------------------------------------------|-------------------------------------------------------|------------|-------|
| Nonoxynol-10                                  | Nonylphenol, ethoxylated                              | 9016-45-9  | 0.53  |
| Alkyl-dimethyl-benzyl-ammonium chloride       | Quaternary ammonium compound<br>BENZALKONIUM CHLORIDE | 68391-01-5 | 0.105 |
| Alkyl-dimethyl-ethyl-benzyl-ammonium chloride |                                                       | 68956-79-6 | 0.105 |

## 4. First-aid measures

|                                                                        |                                                                                                                                                                           |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation                                                             | If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.                                                                                  |
| Skin contact                                                           | Wash off with warm water and soap. Get medical attention if symptoms occur.                                                                                               |
| Eye contact                                                            | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur. |
| Ingestion                                                              | Seek medical advice.                                                                                                                                                      |
| Most important symptoms/effects, acute and delayed                     | Causes serious eye irritation. Causes skin irritation.                                                                                                                    |
| Indication of immediate medical attention and special treatment needed | Treat symptomatically.                                                                                                                                                    |

## 5. Fire-fighting measures

|                                                               |                                                                                               |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Suitable extinguishing media                                  | Water. Water Spray or Fog. Dry chemicals. Foam. Carbon dioxide (CO2).                         |
| Unsuitable extinguishing media                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| Specific hazards arising from the chemical                    | Thermal decomposition or combustion may liberate toxic gases or fumes.                        |
| Special protective equipment and precautions for firefighters | None known.                                                                                   |
| Fire fighting equipment/instructions                          | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| General fire hazards                                          | No unusual fire or explosion hazards noted.                                                   |
| Hazardous combustion products                                 | Carbon oxides. Hydrogen chloride.                                                             |

## 6. Accidental release measures

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.                                                                                                                                                       |
| Methods and materials for containment and cleaning up               | Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste.<br><br>Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. |
| Environmental precautions                                           | Avoid discharge into drains, water courses or onto the ground.                                                                                                                                                                                                                                                                                                                                |

## 7. Handling and storage

|                                                              |                                                                                                                                                             |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling                                | When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Use only with adequate ventilation. Wash thoroughly after handling. |
| Conditions for safe storage, including any incompatibilities | Keep container tightly closed. Keep cool. Store away from incompatible materials.                                                                           |

## 8. Exposure controls/personal protection

|                                                                       |                                                                                                                                                                                         |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Occupational exposure limits                                          | No exposure limits noted for ingredient(s).                                                                                                                                             |
| Biological limit values                                               | No biological exposure limits noted for the ingredient(s).                                                                                                                              |
| Appropriate engineering controls                                      | Ensure adequate ventilation, especially in confined areas.                                                                                                                              |
| Individual protection measures, such as personal protective equipment |                                                                                                                                                                                         |
| Eye/face protection                                                   | Wear safety glasses with side shields (or goggles).                                                                                                                                     |
| Skin protection                                                       |                                                                                                                                                                                         |
| Hand protection                                                       | Chemical resistant gloves recommended.                                                                                                                                                  |
| Other                                                                 | Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health or safety professional or manufacturer for specific information. |

|                                       |                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory protection</b>         | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Contact health and safety professional or manufacturer for specific information. |
| <b>Thermal hazards</b>                | Not available.                                                                                                                                                                                                                                                                                                                       |
| <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>                                   | Liquid.                      |
| <b>Physical state</b>                               | Liquid.                      |
| <b>Form</b>                                         | Liquid.                      |
| <b>Color</b>                                        | Colorless.                   |
| <b>Odor</b>                                         | Odorless.                    |
| <b>Odor threshold</b>                               | Not available.               |
| <b>pH</b>                                           | 11 - 12                      |
| <b>Melting point/freezing point</b>                 | 30.02 °F (-1.1 °C)           |
| <b>Initial boiling point and boiling range</b>      | 200 °F (93.33 °C)            |
| <b>Flash point</b>                                  | 200.0 °F (93.3 °C) Setaflash |
| <b>Evaporation rate</b>                             | Slower than ethyl ether.     |
| <b>Flammability (solid, gas)</b>                    | Not applicable.              |
| <b>Upper/lower flammability or explosive limits</b> |                              |
| Explosive limit - lower (%)                         | Not available.               |
| Explosive limit - upper (%)                         | Not available.               |
| <b>Vapor pressure</b>                               | Not available.               |
| <b>Vapor density</b>                                | > 1                          |
| <b>Relative density</b>                             | 1.01                         |
| <b>Solubility(ies)</b>                              |                              |
| Solubility (water)                                  | Complete.                    |
| <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>                            |                              |
| 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>                 | Stable at normal conditions.                                                                  |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.                                                      |
| <b>Conditions to avoid</b>                | High temperatures.                                                                            |
| <b>Incompatible materials</b>             | Strong oxidizing agents. Acids.                                                               |
| <b>Hazardous decomposition products</b>   | Carbon oxides. Hydrogen chloride.                                                             |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Skin contact</b> | Causes skin irritation.                                                                            |
| <b>Eye contact</b>  | Causes serious eye irritation.                                                                     |

|                                                                |                                                                                                                  |                       |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------|
| Ingestion                                                      | No harmful effects expected in amounts likely to be ingested by accident.                                        |                       |
| Most important symptoms/effects, acute and delayed             | Causes serious eye irritation. Causes skin irritation.                                                           |                       |
| Information on toxicological effects                           |                                                                                                                  |                       |
| Acute toxicity                                                 | No adverse effects are expected.                                                                                 |                       |
| Components                                                     | Species                                                                                                          | Test Results          |
| Nonoxynol-10 (CAS 9016-45-9)                                   |                                                                                                                  |                       |
| Acute                                                          |                                                                                                                  |                       |
| Dermal                                                         |                                                                                                                  |                       |
| LD50                                                           | Rabbit                                                                                                           | > 2000 mg/kg          |
| Inhalation                                                     |                                                                                                                  |                       |
| LC50                                                           | Rat                                                                                                              | 1310 mg/kg            |
| Oral                                                           |                                                                                                                  |                       |
| LD50                                                           | Rat                                                                                                              | No Data in Literature |
| Skin corrosion/irritation                                      | Causes skin irritation.                                                                                          |                       |
| Serious eye damage/eye irritation                              | Causes serious eye irritation.                                                                                   |                       |
| Respiratory or skin sensitization                              |                                                                                                                  |                       |
| Respiratory sensitization                                      | This product is not expected to cause respiratory sensitization.                                                 |                       |
| Skin sensitizer                                                | This product is not expected to cause skin sensitization.                                                        |                       |
| Germ cell mutagenicity                                         | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |                       |
| Carcinogenicity                                                | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                  |                       |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) |                                                                                                                  |                       |
| Not listed.                                                    |                                                                                                                  |                       |
| Reproductive toxicity                                          | This product is not expected to cause reproductive effects.                                                      |                       |
| Specific target organ toxicity - single exposure               | Not classified as a specific target organ toxicity -single exposure.                                             |                       |
| Specific target organ toxicity - repeated exposure             | Not classified as a specific target organ toxicity -repeated exposure.                                           |                       |
| Aspiration toxicity                                            | Not expected to be an aspiration hazard.                                                                         |                       |

## 12. Ecological information

|                               |                                                                                                                                                                                         |                                         |                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
| Ecotoxicity                   | Not expected to be harmful to aquatic organisms.                                                                                                                                        |                                         |                     |
| Components                    | Species                                                                                                                                                                                 |                                         | Test Results        |
| Nonoxynol-10 (CAS 9016-45-9)  |                                                                                                                                                                                         |                                         |                     |
| Aquatic                       |                                                                                                                                                                                         |                                         |                     |
| Acute                         |                                                                                                                                                                                         |                                         |                     |
| Algae                         | EC50                                                                                                                                                                                    | Green algae (Selenastrum capricornutum) | 20 mg/l, 72 hours   |
| Crustacea                     | EC50                                                                                                                                                                                    | Water flea (Daphnia magna)              | 4.8 mg/l, 48 hours  |
| Fish                          | LC50                                                                                                                                                                                    | Bluegill (Lepomis macrochirus)          | 0.13 mg/l, 96 hours |
| Chronic                       |                                                                                                                                                                                         |                                         |                     |
| Algae                         | NOEC                                                                                                                                                                                    | Green algae (Selenastrum capricornutum) | 8 mg/l, 72 hours    |
| Persistence and degradability | Not available.                                                                                                                                                                          |                                         |                     |
| Bioaccumulative potential     | Not available.                                                                                                                                                                          |                                         |                     |
| Mobility in soil              | Not 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

|                                              |                                                                                                                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site.                                                                                                                             |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.                                                                                                                                                           |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                   |
| <b>Waste from residues / unused products</b> | 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). |
| <b>Contaminated packaging</b>                | 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

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

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

### 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### **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. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**  
Not listed.

**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.

**International Inventories**

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada                      | Domestic Substances List (DSL)                                         | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)                                          | No                     |
| New Zealand                 | New Zealand Inventory                                                  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | No                     |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

**Issue date** 01-30-2015

**Version #** 01

**Disclaimer** Prepared by: ICC The Compliance Center Inc. 1-888-442-9628  
<http://www.thecompliancecenter.com>

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**Bibliography**

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices (2014)  
 Canadian Centre for Occupational Health and Safety, CCInfoWeb Databases, 2014  
 (Chempendium, RTECs, HSDB, INCHEM)  
 European Chemicals Bureau, Existing Chemicals Work Area, EINECS Information System, 2014.  
 Material Safety Data Sheet from manufacturer.  
 OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2014.

# Safety Data Sheet

Issue Date: 25-Feb-2015

Revision Date: 06-May-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name Absorb-O-Gel

### Other means of identification

SDS # KMH-001

### Recommended use of the chemical and restrictions on use

Recommended Use Absorbent.

### Details of the supplier of the safety data sheet

Kensington Medical Group Holdings  
1300 E. Upas Ave.  
McAllen, TX 78501

### Emergency Telephone Number

Company Phone Number 1-800-783-8309

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

Appearance Off white powder

Physical State Solid

Odor Slight citrus

### Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

### Other Hazards

Very toxic to aquatic life with long lasting effects

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                             | CAS No      | Weight-%    |
|-------------------------------------------|-------------|-------------|
| Sodium Polyacrylate, lightly cross linked | 046774-25-9 | 92-95       |
| Water                                     | 7732-18-5   | 2-8         |
| Hydrophobic Fumed Silica                  | 68611-44-9  | 0-0.3       |
| Acrylic acid                              | 79-10-7     | <0.08       |
| Fragrance                                 | Proprietary | Proprietary |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST-AID MEASURES

### First Aid Measures

#### General Advice

Provide this SDS to medical personnel for treatment.

|                     |                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye Contact</b>  | Rinse thoroughly with plenty of water, also under the eyelids. Call a physician if irritation persists.                                                         |
| <b>Skin Contact</b> | If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. |
| <b>Inhalation</b>   | Not a likely route of exposure based on form of product. If fragrance is bothersome, move to fresh air.                                                         |
| <b>Ingestion</b>    | Rinse mouth. Drink 1 or 2 glasses of water.                                                                                                                     |

**Most important symptoms and effects**

|                 |                                                               |
|-----------------|---------------------------------------------------------------|
| <b>Symptoms</b> | May cause mild irritation. May cause discomfort if swallowed. |
|-----------------|---------------------------------------------------------------|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam.

**Unsuitable Extinguishing Media** Water is an effective extinguishing media, however the product becomes very slippery when wet.

**Specific Hazards Arising from the Chemical**

This material will make floors slippery when wet. High concentrations of dust in air may present a fire or dust explosion hazard.

**Hazardous Combustion Products** Smoke, fumes or vapors, and oxides of carbon.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

|                             |                                                |
|-----------------------------|------------------------------------------------|
| <b>Personal Precautions</b> | Use personal protective equipment as required. |
|-----------------------------|------------------------------------------------|

**Methods and material for containment and cleaning up**

|                                |                                                          |
|--------------------------------|----------------------------------------------------------|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so.    |
| <b>Methods for Clean-Up</b>    | Avoid flushing with water, as material becomes slippery. |

**7. HANDLING AND STORAGE****Precautions for safe handling**

|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. |
|--------------------------------|------------------------------------------------------------------------|

**Conditions for safe storage, including any incompatibilities**

|                               |                                     |
|-------------------------------|-------------------------------------|
| <b>Storage Conditions</b>     | Protect from dampness and humidity. |
| <b>Incompatible Materials</b> | Strong oxidizing agents.            |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name           | ACGIH TLV        | OSHA PEL                                                                     | NIOSH IDLH                             |
|-------------------------|------------------|------------------------------------------------------------------------------|----------------------------------------|
| Acrylic acid<br>79-10-7 | TWA: 2 ppm<br>S* | (vacated) TWA: 10 ppm<br>(vacated) TWA: 30 mg/m <sup>3</sup><br>(vacated) S* | TWA: 2 ppm<br>TWA: 6 mg/m <sup>3</sup> |

### Appropriate engineering controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Goggles.

**Skin and Body Protection** Protective gloves are not required, but recommended.

**Respiratory Protection** Use NIOSH-approved dust mask if dusty conditions exist.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                  |                       |                |
|-----------------------|------------------|-----------------------|----------------|
| <b>Physical State</b> | Solid            | <b>Odor</b>           | Slight citrus  |
| <b>Appearance</b>     | Off white powder | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Off white        |                       |                |

| <u>Property</u>              | <u>Values</u>      | <u>Remarks • Method</u> |
|------------------------------|--------------------|-------------------------|
| pH                           | Not determined     |                         |
| Melting Point/Freezing Point | Not determined     |                         |
| Boiling Point/Boiling Range  | Not determined     |                         |
| Flash Point                  | Not determined     |                         |
| Evaporation Rate             | Not determined     |                         |
| Flammability (Solid, Gas)    | Not determined     |                         |
| Upper Flammability Limits    | Not determined     |                         |
| Lower Flammability Limit     | Not determined     |                         |
| Vapor Pressure               | Not determined     |                         |
| Vapor Density                | Not determined     |                         |
| Specific Gravity             | 0.7                |                         |
| Water Solubility             | Insoluble in water |                         |
| Solubility in other solvents | Not determined     |                         |
| Partition Coefficient        | Not determined     |                         |
| Auto-ignition Temperature    | Not determined     |                         |
| Decomposition Temperature    | Not determined     |                         |
| Kinematic Viscosity          | Not determined     |                         |
| Dynamic Viscosity            | Not determined     |                         |
| Explosive Properties         | Not determined     |                         |
| Oxidizing Properties         | Not determined     |                         |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to Avoid

Contact with incompatible materials.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Smoke, fumes or vapors, and oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Do not inhale.

**Ingestion** Do not ingest.

### Component Information

| Chemical Name           | Oral LD50                                    | Dermal LD50                                      | Inhalation LC50                                   |
|-------------------------|----------------------------------------------|--------------------------------------------------|---------------------------------------------------|
| Acrylic acid<br>79-10-7 | = 33500 µg/kg ( Rat ) = 193 mg/kg<br>( Rat ) | = 280 µL/kg ( Rabbit ) = 295 mg/kg<br>( Rabbit ) | = 3.6 mg/L ( Rat ) 4 h = 11.1 mg/L<br>( Rat ) 1 h |

### Information on physical, chemical and toxicological effects

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

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### **Carcinogenicity**

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

| Chemical Name           | ACGIH | IARC    | NTP | OSHA |
|-------------------------|-------|---------|-----|------|
| Acrylic acid<br>79-10-7 |       | Group 3 |     |      |

### Numerical measures of toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Very toxic to aquatic life with long lasting effects.

| Chemical Name           | Algae/aquatic plants                                                                                          | Fish                                                 | Toxicity to microorganisms | Crustacea                                                                          |
|-------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------|
| Acrylic acid<br>79-10-7 | 0.17: 96 h<br>Pseudokirchneriella<br>subcapitata mg/L EC50 0.04:<br>72 h Desmodesmus<br>subspicatus mg/L EC50 | 222: 96 h Brachydanio rerio<br>mg/L LC50 semi-static |                            | 95: 48 h Daphnia magna<br>mg/L EC50 270: 24 h<br>Daphnia magna mg/L LC50<br>Static |

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

| Chemical Name           | Partition Coefficient |
|-------------------------|-----------------------|
| Acrylic acid<br>79-10-7 | 0.38 - 0.46           |

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

| Chemical Name           | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|-------------------------|------|--------------------------|------------------------|------------------------|
| Acrylic acid<br>79-10-7 |      |                          |                        | U008                   |

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT

Not regulated

### IATA

Not regulated

### IMDG

#### **Marine Pollutant**

This material may meet the definition of a marine pollutant

## 15. REGULATORY INFORMATION

### International Inventories

| Chemical Name            | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|--------------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Water                    | Present | X   |      | Present |        |         | X     | Present | X     | X    |
| Hydrophobic Fumed Silica | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Acrylic acid             | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Fragrance                | Present | X   |      | Present |        |         | X     | Present | X     | X    |

### Legend:

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

### US Federal Regulations

| Chemical Name           | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|-------------------------|--------------------------|----------------|--------------------------------------------|
| Acrylic acid<br>79-10-7 | 5000 lb                  |                | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

### SARA 313

| Chemical Name          | CAS No  | Weight-% | SARA 313 - Threshold Values % |
|------------------------|---------|----------|-------------------------------|
| Acrylic acid - 79-10-7 | 79-10-7 | <0.08    | 1.0                           |

### US State Regulations

#### U.S. State Right-to-Know Regulations

| Chemical Name           | New Jersey | Massachusetts | Pennsylvania |
|-------------------------|------------|---------------|--------------|
| Acrylic acid<br>79-10-7 | X          | X             | X            |

## 16. OTHER INFORMATION

### NFPA

### Health Hazards

Not determined

### Flammability

Not determined

### Instability

Not determined

### Special Hazards

Not determined

### HMIS

### Health Hazards

Not determined

### Flammability

Not determined

### Physical Hazards

Not determined

### Personal Protection

Not determined

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### 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.

End of Safety Data Sheet