SAFETY DATA SHEET

1. Identification

Product identifier: Benzalkonium Chloride Antiseptic Wipe

Other means of identification: Not available.

Recommended use: Not available.

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

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: 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.
- Precautionary statement:
  - Prevention: Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling.
  - 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.
  - 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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>Alcohol</td>
<td>64-17-5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Ethyl Alcohol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzalkonium Chloride</td>
<td></td>
<td>63449-41-2</td>
<td>0.13</td>
</tr>
</tbody>
</table>

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 persist.

Ingestion
Seek medical advice.

Most important symptoms/effects, acute and delayed
Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed
Treat symptomatically.

5. Fire-fighting measures
Suitable extinguishing media
Water. Water Spray or Fog. Foam. Dry chemical or 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.

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.

Environmental precautions
Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage
Procautions for safe handling
When using, do not eat, drink or smoke. Avoid contact with eyes. 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

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td>PEL</td>
<td>1000 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td>STEL</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. NIOSH: Pocket Guide to Chemical Hazards</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td>TWA</td>
<td>1900 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls

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.

Respiratory protection

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.

Thermal hazards

Not available.

General hygiene considerations

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

Appearance

Towelette.

Physical state

Liquid.

Form

Towelette.

Color

Off-white.

Odor

Slight alcohol.

Odor threshold

Not available.

pH

Not available.

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

Flash point

Not available.

Evaporation rate

Not available.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not available.

Flammability limit - upper (%)

Not available.

Explosive limit - lower (%)

Not available.

Explosive limit - upper (%)

Not available.

Vapor pressure

Not available.

Vapor density

Not available.

Relative density

Not available.

Solubility(ies)

Solubility (water)

Complete.

Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature

Not available.

Decomposition temperature

Not available.

Viscosity

Not available.

Other information

Specific gravity

0.98

10. Stability and reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability

Stable at normal conditions.
11. Toxicological information

Information on likely routes of exposure

- **Inhalation**: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
- **Skin contact**: Prolonged skin contact may cause temporary irritation.
- **Eye contact**: Causes serious eye irritation.
- **Ingestion**: No harmful effects expected in amounts likely to be ingested by accident.
- **Causes serious eye irritation.**

Information on toxicological effects

**Acute toxicity**: No adverse effects are expected.

<table>
<thead>
<tr>
<th>Component</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>&gt; 15800 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Rat</td>
<td>&gt; 32380 ppm, 4 hours (vapor)</td>
</tr>
<tr>
<td>LC50</td>
<td></td>
<td>&gt; 61 mg/l, 4 hours (vapor)</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>7050 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**: Prolonged skin contact may cause temporary 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.


- **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.
<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acute</td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>EC50</td>
<td>Green algae (Selenastrum capricornutum)</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient n-octanol / water (log Kow)</td>
<td>Ethanol</td>
<td>-0.31</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>Not available.</td>
<td></td>
</tr>
<tr>
<td>Other adverse effects</td>
<td>No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.</td>
<td></td>
</tr>
</tbody>
</table>

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

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 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. All components are 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) Ethanol (CAS 64-17-5) Listed.

SARA 304 Emergency release notification Not regulated.


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

Material name: Benzalkonium Chloride Antiseptic Wipe

2077 Version #: 01 Issue date: 01-30-2015 SDS US 5 / 7
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
Ethanol (CAS 64-17-5)
US. New Jersey Worker and Community Right-to-Know Act
Ethanol (CAS 64-17-5)
US. Pennsylvania Worker and Community Right-to-Know Law
Ethanol (CAS 64-17-5)
US. Rhode Island RTK
Not regulated.
US. California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.
US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
Ethanol (CAS 64-17-5) Listed: April 29, 2011
Listed: July 1, 1988
US - California Proposition 65 - CRT: Listed date/Developmental toxin
Ethanol (CAS 64-17-5) Listed: October 1, 1987

International Inventories
Country(s) or region Inventory name On inventory (yes/no)*
Australia Australian Inventory of Chemical Substances (AICS) Yes
Canada Domestic Substances List (DSL) Yes
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) Yes
Europe European List of Notified Chemical Substances (ELINCS) No
Japan Inventory of Existing and New Chemical Substances (ENCS) No
Korea Existing Chemicals List (ECL) Yes
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 Yes

*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
This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by / obtained from and CCOHS' Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc. and expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and

Bibliography
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices (2014)
Canadian Centre for Occupational Health and Safety, CChemWeb Databases, 2014
(Chempendium, RTECs, HSDB, INCHER)
Material Safety Data Sheet from manufacturer.
SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: #028
Product Name: Bacitracin Antibiotic Ointment
Product Use: Topical Antibiotic Ointment
Manufacturer: Water Jel Technologies LLC
50 Broad Street
Carlstadt, New Jersey 07072
Telephone: 201-507-8300
E-mail Address: www.waterjel.com
Emergency Telephone: 1-800-275-3433
FAX Number: 201-507-8325
Issue Date: 06-01-2015

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common Name and Synonyms</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacitracin Zinc USP</td>
<td></td>
<td>1405-89-6</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Petrolatum</td>
<td></td>
<td>8009-03-8</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview:
This product is regulated by the US FDA as an over-the-counter, monograph drug.

For Consumers, consult the Drug Facts on the package for use directions and warnings information.

Warning: For External Use Only.
When using this product, avoid contact with the eyes.
Do not use on large areas of the body or on broken, blistered or oozing skin.
Do not use if you are allergic to any of the ingredients.
Stop use and ask a doctor if condition worsens or symptoms persist for more than 7 days.
If swallowed, get medical help or contact a Poison Control Center immediately.

Physical Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.
Health Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.
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:
Hazard Symbol: None
Signal Word: None
Hazard Statement: The mixture does not meet the criteria for classification.
Precautionary Statement:

Prevent on
Response
Storage
Disposal
None required according to OSHA Hazcom 2012.
None required according to OSHA Hazcom 2012.
None required according to OSHA Hazcom 2012.
None required according to OSHA Hazcom 2012.

Hazard not otherwise
Classified (HNOC):
None known.

Supplemental Information: None.

Route of Entry:

Skin Contact: May cause irritation, redness, inflammation or dryness.
Skin Absorption: No adverse conditions expected.
Eye Contact: Direct contact with eyes may cause temporary irritation.
Inhalation: Not expected due to form.
Ingestion: May cause irritation of the digestive tract.

SECTION 4: FIRST AID MEASURES

Skin Contact: Wash off with warm water and soap. Get medical attention if symptoms occur.
Skin Absorption: No adverse conditions expected.
Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical
attention.
Inhalation: Remove victim to fresh air.
Ingestion: Do not induce vomiting due to aspiration hazard. If vomiting should occur, lower head below knees to
avoid aspiration.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable:
No
Means of Extinction:
Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry
chemical.
In fires involving large quantities of this product, the use of large streams of water should be
avoided.
Use self-contained breathing apparatus when fighting fires that involve this material.
Flash Point and Method:
NA
Upper Flammable Limit (% by volume):
NA
Lower Flammable Limit (% by volume):
NA
Autoignition Temperature (°C):
NA
Explosion Data – Sensitivity to Impact:
No unusual fire or explosion hazards noted.
Explosion Data – Sensitivity to Static Discharge:
No unusual fire or explosion hazards noted.
Hazardous Combustion Products:
Carbon oxides. Nitrogen Oxides (NOx).

NFPA Health 0 Fire 1 Reactivity 0 Other NA

SECTION 6: ACCIDENTAL RELEASE MEASURES

Name: Bacitracin Antibiotic: Ointment
Issue Date: 06-01-2015
SAFETY DATA SHEET

Personal precautions, Protective equipment and Emergency procedures: Wear appropriate personal protective equipment.

Methods and materials for containment and clean up: Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental Procautions: Avoid discharge into drains and water sources.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Keep this and other chemicals out of the reach of children.

Storage Temperature: Do not store or mix with strong acids or oxidizers. Store at room temperature.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

<table>
<thead>
<tr>
<th>Components</th>
<th>ACGIH-TLVs</th>
<th>OSHA-PELs</th>
<th>NIOSH</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrolatum (CAS 8009-03-f)</td>
<td>5 mg/m3</td>
<td>5 mg/m3</td>
<td>5 mg/m3 TWA</td>
<td>Mist</td>
</tr>
</tbody>
</table>

Biological Limit Values: No biological Exposure limits noted for the ingredients.

Ventilation and Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment:
- Hand Protection: None required under normal conditions
- Eye and Face Protection: None required under normal conditions.
- Skin Protection: Eye protection, as necessary to prevent excessive contact. None required under normal conditions.

General Hygiene Considerations: Practice safe work habits.
Other Protective Equipment: Eye wash stations should be nearby and ready to use.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Ointment.
Physical State: Ointment.
Form: Ointment.
Color: White to off white.
Odor: Slightly fatty odor.

pH: No information available.
Boiling Point: >200°F closed cup
Molting Point: No information available.
Flash Point: N/A
Explosive Properties: No information available.
Oxidizing Properties: No information available.
Specific Gravity: 0.87
Water Solubility: Insoluble.
Partition Coefficient: No information available.
Viscosity: No information available.
Vapor Pressure (mm Hg): No information available.
Vapor Density (Air=1): No information available.
Evaporation Rate: No information available.
% Volatile: No information available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use.
Chemical Stability: Stable at normal conditions.
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.
Conditions to Avoid: Extreme heat.
Materials to Avoid: Strong oxidants and strong acids.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Symptoms of Overexposure by Route of Exposure:
The health hazard information provided is for handling this product in an occupational setting.

Effects of Acute and Chronic Exposure:

Acute: The primary health effect that may be experienced in an occupational setting is mild irritation of contaminated skin. Accidental ingestion may be harmful. Although unlikely, irritation can irritate the respiratory system. Eye contact will cause irritation.
Chronic: NE

Target Organs: Acute: Occupational exposure: Skin.
Chronic: Occupational exposure: Skin.

Inhalation:
Mist may slightly irritate the nose, throat and lungs. Symptoms are generally alleviated upon breathing fresh air.
SAFETY DATA SHEET

Skin Contact:
Skin contact may cause burning sensation, stinging, itching and tingling.

Eye Contact:
Eye contact can cause irritation, stinging, redness and tearing.

Ingestion:
Ingestion is not a significant route of occupational overexposure. Acute ingestion of large quantities of this product or chronic ingestion may cause adverse symptoms that may include nausea, vomiting and diarrhea.

Irritancy of the Product:
This product may cause mild to moderate irritation on damaged skin.

Skin Sensitization:
Not expected.

Respiratory Sensitization:
Not expected.

LD50/LC50:

Petrolatum (CAS 8009-03-8)
- Oral: Not available.
- Dermal: Not available.

Carcinogenicity: Not classified as a human carcinogen by IARC or ACGIH.

Reproductive Toxicity:

Mutagenic/Embryo Toxicity: The components of this product are not reported to cause mutagenic or embryonic effects in humans.
Teratogenicity: Not available.
Reproductive Toxicity: This product is not expected to cause reproductive effects.

SECTION 12: ECOLOGICAL INFORMATION

No specific information is currently available on the effect of this product on plants or animals in the environment. The product may be harmful to contaminated terrestrial and aquatic plant life in large quantities. The following aquatic toxicity data currently available for components of this product:

Not expected to be harmful to aquatic organisms.

Environmental Exposure Controls: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

No component of this product is known to have acute depletion potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Collect or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with local, state and federal regulations.
SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated for Domestic Transport.
IATA Classification: Not regulated for International Transport.
IMDG Classification: Not regulated for International Water Transport.

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:
TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed.
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) 304: Not regulated.
SARA 311/312 HAZARDCATEGORIES: Not regulated.
SARA 313 REPORTABLE INGREDIENTS: Not listed.

STATE REGULATIONS:
California Prop 65:
Warning: This product does not contain chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

New Jersey RTK:
Not listed.

Massachusetts RTK:
Petrolium (CAS 3009-03-8)

Pennsylvania RTK:
Petrolium (CAS 3009-03-8)

INTERNATIONAL REGULATIONS:

<table>
<thead>
<tr>
<th>Country or Region</th>
<th>Inventory Name</th>
<th>Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australia Inventory of Chemical Substances</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substance List (DSL)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substance List (NDSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances In China (IECSC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substance Control Act (TSCA) Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>

Note: A "Yes" indicates that all components comply with the inventory requirements administered by the governing country. 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.
SECTION 16: OTHER INFORMATION

Issue Date: 06-15-2015
Version: 01

Disclaimer:
The information provided in this Safety Data Sheet (SDS) is accurate to the best of our knowledge. 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 processes.
1. Identification
Product identifier: Eyesaline Eyewash or Sterile Eyesaline
Other means of identification
Product code: 32-ST1050, 32-ST2050, 32-000440, 32-000445, 32-000451, 32-000452, 32-000454, 32-000455,
32-000456, 32-000457, 32-000460, 32-000461, 32-000462, 32-000465, 32-000466, 32-000467, 32-000468
Recommended use: Emergency eyewash.
Recommended restrictions: None known.
Manufacturer/Importer/Supplier/Distributor Information
Company name: Honeywell Safety Products USA, Inc
Address: 825 East Highway 151
Platteville, WI 53818 USA
Telephone: 1-800-873-5242
Contact Person: hsptechsupport@honeywell.com
E-mail: msds@chemtrec.com
Emergency phone number: +1-703-741-5500 for USA/Canada

2. Hazard(s) Identification
Physical hazards: Not classified.
Health hazards: Not classified.
OSHA defined hazards: Not classified.
Label elements
Hazard symbol: None.
Signal word: None.
Hazard statement: The mixture does not meet the criteria for classification.
Precautionary statement
Prevention: Observe good industrial hygiene practices.
Response: Wash hands after handling.
Storage: Store away from incompatible materials.
Disposal: Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC): None known.
Supplemental information: None.

3. Composition/information on ingredients
Mixtures
The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. First-aid measures
Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Skin contact: Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact: Remove contact lenses. Get medical attention promptly if symptoms occur after flushing.
Ingestion: Seek medical advice.
Most important symptoms/effects, acute and delayed: No specific symptoms noted.
Indication of immediate medical attention and special treatment needed

General information

Treat symptomatically.

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. Fire-fighting measures

Suitable extinguishing media


Unsuitable extinguishing media

No restrictions known.

Specific hazards arising from the chemical

None.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

None.

General fire hazards

No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For industrial use, wear appropriate personal protective equipment (See Section 8).

Methods and materials for containment and cleaning up

Stop leak if you can do so safely. Absorb spill with appropriate sand, clay or other inert sorbent material, then place in appropriate waste container.

Large Spills: Flush area with water. Treat runoff per applicable environmental regulations pertaining to drains, water courses and ground water, diking if required.

Environmental precautions

Treat discharge into drains, water courses or onto the ground according to applicable regulations.

7. Handling and storage

Precautions for safe handling

Observe good industrial hygiene practices. Avoid inhalation of vapors and contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Keep container closed. Store away from incompatible materials. Do not allow material to freeze. Keep at temperature not exceeding 43°C / 110°F.

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).

Exposure guidelines

No exposure standards allocated.

Appropriate engineering controls

Not required.

Individual protection measures, such as personal protective equipment

Eye/face protection

None under normal conditions.

Skin protection

Chemical resistant gloves are recommended.

Hand protection

None under normal working conditions.

Other

Not normally needed.

Respiratory protection

Wear appropriate thermal protective clothing, when necessary.

Thermal hazards

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

9. Physical and chemical properties

Appearance

Colorless liquid.

Physical state

Liquid.

Form

Liquid.

Color

Colorless.

Odor

No discernable odor.

Odor threshold

Not available.
pH 6.9 - 7.4

Melting point/freezing point Not available.

Initial boiling point and boiling range 200 °F (93.33 °C)

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 760 mm Hg

Vapor density Not available.

Relative density 1

Solubility(ies)

Solubility (water) Completely soluble in water.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

10. Stability and reactivity

Reactivity Stable at normal conditions.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions Hazardous polymerization does not occur.

Conditions to avoid Contact with incompatible materials. Freezing. Elevated temperatures.

Incompatible materials None.

Hazardous decomposition products No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin contact Prolonged or repeated contact may dry skin and cause irritation.

Eye contact May cause temporary eye irritation.

Ingestion No harmful effects expected in amounts likely to be ingested by accident.

Symptoms related to the physical, chemical and toxicological characteristics May cause discomfort if swallowed.

Information on toxicological effects

Acute toxicity No adverse effects due to eye or skin contact are expected.

Skin corrosion/Irritation Not classified.

Serious eye damage/eye irritation Not classified.

Respiratory or skin sensitization

Respiratory sensitization Not classified.

Skin sensitization Not a skin sensitizer.

Germ cell mutagenicity Not classified.
Carcinogenicity  
Not classified.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)  
Not listed.

Reproductive toxicity  
Not classified.

Specific target organ toxicity - single exposure  
Not classified.

Specific target organ toxicity - repeated exposure  
Not classified.

Aspiration hazard  
Not classified.

Chronic effects  
Not classified.

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.

Persistence and degradability  
No data available.

Bioaccumulative potential  
The product is not expected to bioaccumulate.

Mobility in soil  
The product is completely soluble in water.

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  
Dispose in accordance with all applicable regulations. Do not allow runoff to sewer, waterway or ground.

Hazardous waste code  
Waste codes should be assigned by the user based on the application for which the product was used.

Waste from residues / unused products  
Dispose of in accordance with local regulations.

Contaminated packaging  
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 applicable.

15. Regulatory information

US federal regulations  
This product is not hazardous according to OSHA 29CFR 1910.1200. One or more components are not listed on TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)  
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)  
Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)  
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)  
Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No
SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

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

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
Not Listed.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
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</tr>
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<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
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<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
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<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies 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 02-July-2015
Revision date -
Version # 01

Further information
The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

NFPA ratings
List of abbreviations

References

ACGIH
EPA: Acquire database
NLM: Hazardous Substances Data Base
US. IARC Monographs on Occupational Exposures to Chemical Agents
National Toxicology Program (NTP) Report on Carcinogens
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
ESIS (European chemical Substances Information System)
HSDB® - Hazardous Substances Data Bank
IARC Monographs, Overall Evaluation of Carcinogenicity

Disclaimer
This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.
SAFETY DATA SHEET

Issuing Date: January 5, 2015
Revision Date: New
Revision Number: 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier
Product Name: Aplicare® Povidone-Iodine Solution (10%, For Individual Use)

Other means of identification
Product Code(s): L-1001

Recommended use of the chemical and restrictions on use
Recommended Use: Broad spectrum topical antiseptic
Uses advised against: No information available

Details of the supplier of the safety data sheet
Supplier Name: Aplicare Inc.
Supplier Address: 550 Research Parkway
Meriden, CT 06450
Supplier Phone Number: Phone: 203-630-0500

Emergency telephone number
Emergency Phone Numbers: For Medical Emergencies call: 1-800-446-1014
For Transportation Emergencies, call Chemtrec: 1-800-424-9300
2. HAZARDS IDENTIFICATION

Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label elements, including precautionary statements

Emergency Overview

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

| Appearance | Dark brown | Physical State | Viscous liquid | Odor | Faint, characteristic |

Precautionary Statements - Prevention
None

Precautionary Statements - Response
None

Precautionary Statements - Storage
None

Precautionary Statements - Disposal
None

Hazards not otherwise classified (HNOC)
Not applicable

Unknown Toxicity
11% of the mixture consists of ingredient(s) of unknown toxicity

Other information
Harmful to aquatic life with long lasting effects.

Interactions with Other Chemicals
Incompatible with strong alkalis.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Povidone-Iodine</td>
<td>25655-41-8</td>
<td>8 - 12</td>
<td>*</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

First aid measures

General Advice
Show this safety data sheet to the doctor in attendance.

Eye Contact
Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.

Skin Contact
Wash skin with soap and water.

Inhalation
Remove to fresh air. If symptoms persist, call a doctor.

Ingestion
Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects
May cause slight eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Doctor
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media
CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical
Harsh iodine fumes may be emitted if product is heated to temperatures greater than 80°C.

Hazardous Combustion Products
Carbon oxides.

Explosion Data
Sensitivity to Mechanical Impact
No.

Sensitivity to Static Discharge
No.

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

Personal Precautions
Avoid contact with eyes.

Environmental Precautions

Environmental Precautions
See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling
Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage
Do not store at temperatures above 40°C. Keep tightly closed in a dry and cool place. Keep in properly labeled containers.

Incompatible Products
Strong alkalis.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodine 7583-66-2</td>
<td>TWA: 0.01 ppm (Inhalable fraction and vapor) STEL: 0.1 ppm (Aerosol and vapor)</td>
<td>TWA-Ceiling: 0.1 ppm</td>
<td>IDLH: 2 ppm, TWA-Ceiling: 0.1 ppm</td>
</tr>
</tbody>
</table>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Appropriate engineering controls

Engineering Measures
Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection
No special protection required.

Skin and Body Protection
No special protection required.
Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks / Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Viscous liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Opaque</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Dark brown</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Faint, characteristic</td>
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</tr>
<tr>
<td>Odor Threshold</td>
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<td></td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
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<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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<tr>
<td>Flammability Limit in Air</td>
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<tr>
<td>Upper flammability limit</td>
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<td>Lower flammability limit</td>
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<tr>
<td>Vapor pressure</td>
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<td>Vapor density</td>
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<td>Specific Gravity</td>
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<td>Water Solubility</td>
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<tr>
<td>Solubility in other solvents</td>
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<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
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<td>None known</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>None known</td>
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<tr>
<td>Decomposition temperature</td>
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<td>Kinematic viscosity</td>
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<td>Dynamic viscosity</td>
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<td>Explosive properties</td>
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<td>Oxidizing Properties</td>
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<td>Other Information</td>
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<td>Softening Point</td>
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</tr>
<tr>
<td>VOC Content (%)</td>
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<td></td>
</tr>
<tr>
<td>Particle Size</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Particle Size Distribution</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Incompatible with strong alkalis.

Chemical stability
Stable under recommended storage conditions. Harsh iodine fumes may be emitted if product is heated to temperatures greater than 80°C.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to avoid
None known based on information supplied.

Incompatible materials
Strong alkalis.

Hazardous Decomposition Products
Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation
Specific test data for the substance or mixture is not available.

Eye Contact
Specific test data for the substance or mixture is not available.

Skin Contact
Specific test data for the substance or mixture is not available.

Ingestion
Specific test data for the substance or mixture is not available.

Component Information
No information available.

Information on toxicological effects

Symptoms
May cause redness and tearing of the eyes.

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

Sensitization
No information available.

Mutagenic Effects
No information available.

Carcinogenicity
Contains no ingredients listed as a carcinogen.

Reproductive Toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.
Chronic Toxicity
Carcinogenic potential is unknown.

Target Organ Effects
None known.

Aspiration Hazard
No information available.

Numerical measures of toxicity  Product Information
The following values are calculated based on chapter 3.1 of the GHS document
Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity
Harmful to aquatic life with long lasting effects.

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Other adverse effects
No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods
Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated Packaging
Dispose of in accordance with all applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT
Not regulated

TDG
Not regulated

ICAO
Not regulated

IATA
Not regulated

IMDG/IMO
Not regulated
15. REGULATORY INFORMATION

Chemical Inventories

TSCA
Complies.

DSL
All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals that are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

CWA (Clean Water Act)
This product does not contain any substances that are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances that are regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Rhode Island</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disodium phosphate</td>
<td>7758-79-4</td>
<td>X</td>
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<td>Sodium hydroxide</td>
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International Regulations

Canada
WHMIS Hazard Class
Not controlled.
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards 1</th>
<th>Flammability 0</th>
<th>Instability 0</th>
<th>Physical and Chemical Hazards -</th>
</tr>
</thead>
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<td>HMIS</td>
<td>Health Hazards 1</td>
<td>Flammability 0</td>
<td>Physical Hazard 0</td>
<td>Personal Protection</td>
</tr>
</tbody>
</table>

Prepared By
Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Revision Date
New

Revision Note
New

Reference
INT0027/D001

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
SAFETY DATA SHEET

1. Identification

Product identifier: Safetec® Sting Relief - Towelette
Other means of identification: Not available.
Recommended use: Not available.
Recommended restrictions: None known.
Manufacturer/Importer/Supplier/Distributor information:
Manufacturer: Safetec of America, Inc.
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: Flammable liquids
Health hazards: Serious eye damage/eye irritation
Specific target organ toxicity, single exposure
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: Danger
Hazard statement: Flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness.
Precautionary statement: Prevention
Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response
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. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. In case of fire: Use appropriate media for extinction.

Storage: Keep cool. Store in a well-ventilated place. Keep container tightly closed.
Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental information: None known.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>Alcohol</td>
<td>64-17-5</td>
<td>52.5</td>
</tr>
<tr>
<td></td>
<td>Ethyl Alcohol</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Material name: Safetec® Sting Relief - Towelette
2131 Version #: 01 Issue date: 01-29-2015
### 4. First-aid measures

**Inhalation**
If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. 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 persist.

**Ingestion**
If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting without advice from poison control center. Get medical attention.

**Most important symptoms/effects, acute and delayed**
Causes serious eye irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause drowsiness or dizziness.

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

### 5. Fire-fighting measures

**Suitable extinguishing media**
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**
The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. Thermal decomposition or combustion may liberate toxic gases or fumes.

**Special protective equipment and precautions for firefighters**
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions**
Cool containers exposed to heat with water spray and remove container, if no risk is involved.

**General fire hazards**
Flammable liquid and vapor.

**Hazardous combustion products**
Carbon oxides. Nitrogen oxides (NOx). Halogenated compounds.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Eliminate all ignition sources (no smoking, flames, sparks, or flames in immediate area). 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.

**Environmental precautions**
Avoid discharge into drains, water courses or onto the ground.

### 7. Handling and storage

**Precautions for safe handling**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Eliminate all sources of ignition. Take precautionary measures against static discharges. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**
Do not store around flammable or combustible materials. Store in tightly closed original container in a well-ventilated place. Keep cool. Store locked up.
8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td>PEL</td>
<td>1900 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
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</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
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<th>Components</th>
<th>Type</th>
<th>Value</th>
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<tbody>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td>STEL</td>
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</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
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<tr>
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<td>TWA</td>
<td>1900 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation.

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.

Respiratory protection

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.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

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

Appearance  Towelette.

Physical state  Liquid.

Form  Towelette.

Color  Off-white.

Odor  Antiseptic odor.

Odor threshold  Not available.

pH  Not available.

Melting point/freezing point  Not available.

Initial boiling point and boiling range  Not available.

Flash point  60.3 °F (15.7 °C)

Evaporation rate  Not available.

Flammability (solid, gas)  Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%): 3.3 %

Flammability limit - upper (%): 19 %

Explosive limit - lower (%): Not available.

Explosive limit - upper (%): Not available.

Vapor pressure  Not available.
Vapor density
Relative density
Solubility(ies)
   Solubility (water)
Partition coefficient
(n-octanol/water)
Auto-ignition temperature
Decomposition temperature
Viscosity
Other information
   Specific gravity

10. Stability and reactivity
Reactivity
   The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability
   Stable at normal conditions.
Possibility of hazardous reactions
   Hazardous polymerization does not occur.
Conditions to avoid
   Keep away from heat, sparks and open flame. High temperatures.
Incompatible materials
   Strong oxidizing agents. Acids.
Hazardous decomposition products
   Carbon oxides. Nitrogen oxides (NOx). Halogenated compounds.

11. Toxicological information
Information on likely routes of exposure
   Inhalation
      May cause drowsiness or dizziness.
   Skin contact
      Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
   Eye contact
      Causes serious eye irritation.
   Ingestion
      Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Most important symptoms/effects, acute and delayed
   Causes serious eye irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause drowsiness or dizziness.

Information on toxicological effects
Acute toxicity
   Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>&gt; 15800 mg/kg</td>
</tr>
<tr>
<td>Rat</td>
<td>&gt; 32380 ppm, 4 hours (vapor)</td>
</tr>
<tr>
<td></td>
<td>&gt; 61 mg/l, 4 hours (vapor)</td>
</tr>
<tr>
<td>Rat</td>
<td>7060 mg/kg</td>
</tr>
</tbody>
</table>

Ethanol (CAS 64-17-5)

Acute
   Dermal
   LD50
   Inhalation
   LD50

Lidocaine (CAS 6108-05-0)

Acute
   Oral
   LD50

Skin corrosion/irritation
   Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

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
May cause drowsiness or dizziness.

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
The product is not classified as environmentally hazardous.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>EC50</td>
<td>1000 mg/l, 96 hours</td>
</tr>
<tr>
<td></td>
<td>Green algae (Selenastrum capricornutum)</td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>5012 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas) &gt; 100 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

Persistence and degradability
Not available.

Bioaccumulative potential
Not available.

Partition coefficient n-octanol / water (log Kow)
Ethanol -0.31

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

Disposal instructions
Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

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
UN11/0

UN proper shipping name
Ethanol solution (Ethanol RQ = 190 LBS)

Transport hazard class(es)
Class 3
Subsidiary risk -
Label(s) 3
Packing group III

Special precautions for user
Not available.

Special provisions
24, B1, IB3, T2, TP1

Packaging exceptions
4b, 150

Packaging non bulk
203
Packaging bulk

IATA

UN number UN1170
UN proper shipping name Ethanol Solution (Ethanol)
Transport hazard class(es)
   Class 3
   Subsidiary risk -
   Packing group III
   Environmental hazards No.
   ERG Code 3L
   Special precautions for user Not available.
   Other information
      Passenger and cargo aircraft Allowed.
      Cargo aircraft only Allowed.

IMDG

UN number UN1170
UN proper shipping name Ethanol Solution (Ethanol)
Transport hazard class(es)
   Class 3
   Subsidiary risk -
   Packing group III
   Environmental hazards No.
   EmS F-E, S-D
   Special precautions for user Not available.
   Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

DOT

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) Ethanol (CAS 64-17-5) 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 - Yes
- 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
  Ethanol (CAS 64-17-5)
- US, New Jersey Worker and Community Right-to-Know Act
  Ethanol (CAS 64-17-5)
- US, Pennsylvania Worker and Community Right-to-Know Law
  Ethanol (CAS 64-17-5)
- 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.
- US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
  Ethanol (CAS 64-17-5) Listed: April 29, 2011
  Listed: July 1, 1988
- US - California Proposition 65 - CRT: Listed date/Developmental toxin
  Ethanol (CAS 64-17-5) Listed: October 1, 1987

International Inventories

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

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) for the product.
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** 01-29-2015

**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,
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Urea, Dry
Product code : URGRAN, URGRANFR, URGRANOS, URGRANTF, URTURFOS, URPRilos,
               URPRL, URPRLAG, URPLAGF, URPRLC, URPRLCF, URPRLCH, URPRLENV,
               URPRLMIA, URPRLMIC, URPRLMIF, URPRLMII, URPRLR, URPAS, URPASOS
Product group : Commercial product
Synonyms : Urea Granular; Urea Microprills; Urea Pastille; Urea Prills;

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation : Agricultural, Industrial and Feed Grade Chemical

1.3. Details of the supplier of the safety data sheet

PCS Sales (USA), Inc.
1101 Skokie Blvd.
Suite 400
Northbrook, IL 60062
T 800-241-6908 / 847-849-4200

Suite 500
122 1st Avenue South
Saskatoon, Saskatchewan Canada S7K7G3
T 800-667-0403 (Canada) / 800-667-3930 (USA)

SDS@PotashCorp.com - www.PotashCorp.com

1.4. Emergency telephone number

Emergency number : 800-424-9300
                   CHEMTREC

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Skin Irrit. 2     H315
Eye Irrit. 2A    H319
STOT SE 3       H335
2.2. Label elements

GHS-US labelling
Hazard pictograms (GHS-US) : !

Signal word (GHS-US) : Warning
Hazard statements (GHS-US) : H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary statements (GHS-US) : P261 - Avoid breathing dust
P264 - Wash hands thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear eye protection, protective gloves, protective clothing
P302+P352 - IF ON SKIN: Wash with plenty of water
P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P312 - Call a POISON CENTER or doctor/physician if you feel unwell
P332+P313 - If skin irritation occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention
P362 - Take off contaminated clothing
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations

2.3. Other hazards

Hazardous to the aquatic environment
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% by weight</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urea [Carbamide, Carbonyldiamide, Carbamidic Acid]</td>
<td>(CAS No.) 57-13-6</td>
<td>97.5 - 99.7</td>
<td>Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335</td>
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<tr>
<td>Alkalinity, as Ammonia</td>
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<td>150 ppm (max)</td>
<td></td>
</tr>
<tr>
<td>Methyleneurea</td>
<td>(CAS No.) 13547-17-6</td>
<td>0 - 2.5</td>
<td>Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td>Bluret</td>
<td>(CAS No.) 108-19-0</td>
<td>0 - 1.5</td>
<td>Skin Irrit. 2, H315 Eye Irrit. 2A, H319</td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures general : If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation : If inhaled, remove from source of exposure to fresh air and keep at rest in a position comfortable for breathing. Give oxygen or artificial respiration if necessary. Obtain medical attention if breathing difficulty persists. Symptoms may be delayed.
First-aid measures after skin contact : Wash skin thoroughly with mild soap and water. For contact with molten product, do not remove clothing. Flush skin immediately with cold water. Obtain medical attention if irritation develops or persists. Wash contaminated clothing before reuse.
First-aid measures after eye contact : Immediately rinse with water for a prolonged period (15 minutes) while holding the eyelids wide open to ensure thorough rinsing. Obtain medical attention immediately if irritation develops or persists.
First-aid measures after ingestion : Do not induce vomiting. Keep affected person warm and treat for shock. A single dose of 100 grams has reportedly caused mild symptoms of Central Nervous System depression (drowsiness, etc). Seek medical attention if a large amount is swallowed. Get medical advice and attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries : Irritation to eyes, skin and respiratory tract.
Symptoms/injuries after inhalation : Overexposure may be irritating to the respiratory system.
Symptoms/injuries after skin contact : May cause skin irritation.
Symptoms/injuries after eye contact : May cause eye irritation.
Symptoms/injuries after ingestion : If a large quantity has been ingested : Abdominal pain. Diarrhea. Nausea. Vomiting. May cause drowsiness and loss of coordination.

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media : Not considered flammable but will burn at high temperatures . Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture
Fire hazard : Decomposes above 132.6 °C (270.7 °F). Under conditions of fire this material may produce: Ammonia; Nitrogen oxides; Bluret. Short-term exposure to smoke and gases may lead to irreversible lung injury without early signs and symptoms.

Explosion hazard : Product is not explosive. May form explosive mixtures if mixed with strong acid (Nitric / Perchloric) and strong oxidizers.

Reactivity : Stable at ambient temperature and under normal conditions of use.
5.3. Advice for firefighters
Firefighting instructions: Not flammable. Material burns with difficulty. Urea becomes slippery when wet — guard against slips and falls.
Protection during firefighting: Wear full fire-fighting turn-out gear (full Bunker gear) and NIOSH approved respiratory protection (SCBA) with full face piece and protective clothing. May form explosive mixtures if mixed with strong acid (Nitric / Perchloric).
Other information: Do not allow run-off from fire fighting to enter drains or water courses. Provide local or general ventilation to keep below nuisance dust limit of 15 mg/m³.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
General measures: Handle in accordance with good industrial hygiene and safety practice.

6.1.1. For non-emergency personnel
Protective equipment: Wear suitable protective clothing, gloves and eye/face protection including tight fitting goggles to prevent eye contact. Do not wear contact lenses when working with this substance. Normally no respiratory equipment needed. Use NIOSH approved equipment when airborne dust exposure limits are exceeded. NIOSH approved breathing equipment must be available for non-routine and emergency use.
Emergency procedures: Collect as any solid. Ventilate area. Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Wear suitable protective clothing, gloves and eye/face protection including tight fitting goggles to prevent eye contact. Do not wear contact lenses when working with this substance. Normally no respiratory equipment needed. Use NIOSH approved equipment when airborne dust exposure limits are exceeded. NIOSH approved breathing equipment must be available for non-routine and emergency use.

6.2. Environmental precautions
If spill could potentially enter any waterway, including intermittent dry creeks, contact the U.S. COAST GUARD NATIONAL RESPONSE CENTER at 800-424-8802. In case of accident or road spill notify CHEMTREC at 800-424-9300. In other countries call CHEMTREC at (international code) +1-703-527-3887.

6.3. Methods and material for containment and cleaning up
For containment: If contaminated with other materials, contain and collect as any solid in suitable containers. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Prevent large quantities from contacting vegetation.
Methods for cleaning up: Recover the product by vacuuming, shoveling or sweeping and place in appropriate container to be disposed at an appropriate disposal facility according to current applicable laws and regulations and product characteristics at the time of disposal. Provide adequate ventilation. Avoid generation of dust during clean-up of spills. If uncontaminated, recover and reuse product. Practice good housekeeping – spillage can be slippery on smooth surface either wet or dry.

6.4. Reference to other sections
No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Handle in accordance with good industrial hygiene and safety procedures. Wear recommended personal protective equipment. Avoid creating or spreading dust.

Hygiene measures: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Avoid contamination with other “look alike” materials that may produce a fire or explosion.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Store tightly closed in a dry, cool and well-ventilated place away from heat, sources of ignition, and incompatibilities. Protect from moisture. Avoid contamination with other “look alike” materials that may produce a fire or explosion.

Incompatible materials: Avoid containers, piping or fittings made of brass, bronze or other copper bearing alloys or galvanized metals.

7.3. Specific end use(s)
Agricultural chemical.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Urea (57-13-6)</th>
<th>ACGIH TWA (mg/m³)</th>
<th>10 mg/m³ — inhalation particulate</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH (nuisance dust)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USA OSHA (nuisance dust)</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>5 mg/m³ — Respirable (particulate)</td>
</tr>
</tbody>
</table>

Fraction: urea

8.2. Exposure controls
Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas to keep below nuisance dust limit of 15 mg/m³.

Personal protective equipment: Gloves. Safety glasses. Protective clothing.
Urea, Dry
Safety Data Sheet

<table>
<thead>
<tr>
<th>Protection</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand protection</td>
<td>Impermeable protective gloves.</td>
</tr>
<tr>
<td>Eye protection</td>
<td>Protective goggles.</td>
</tr>
<tr>
<td>Skin and body protection</td>
<td>Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Wear suitable protective clothing. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust are expected to exceed exposure limits. NIOSH approved breathing equipment must be available for non-routine and emergency use.</td>
</tr>
<tr>
<td>Environmental exposure controls</td>
<td>Ensure adequate ventilation, especially in confined areas.</td>
</tr>
</tbody>
</table>

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance      : Granules
Colour          : White
Odour           : Slight ammonia
Odour threshold : No data available
pH              : 7.2 at 100 g/L
Molecular weight: 60.07
Relative evaporation rate (butylacetate=1) : No data available
Melting point   : Decomposes above 132.6 °C (270.7 °F)
Freezing point  : No data available
Boiling point   : No data available

Flammability (solid, gas) : Non-flammable
Flash point : No data available
Self ignition temperature : No data available
Decomposition temperature : No data available
Vapour pressure : 80 Pa at 20°C
Relative vapour density at 20 °C : No data available
Urea, Dry
Safety Data Sheet

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity (Water = 1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>2.31 g/cm³</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>44 - 49 lb/ft³</td>
</tr>
<tr>
<td></td>
<td>750 kg/m³</td>
</tr>
<tr>
<td>Solubility</td>
<td>1,193 g/l at 25°C</td>
</tr>
<tr>
<td>Log Pow</td>
<td>-1.59 @ 20°C</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability
Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Protect from moisture. May slowly hydrolyze to ammonium carbamate and eventually decompose to ammonia and carbon dioxide.

10.5. Incompatible materials
May form explosive mixture if in contact with strong acid such as nitric or perchloric acids. Avoid contact with: strong oxidizers; strong acids or bases; nitrates; hypochlorites. Reacts with sodium or calcium hypochlorite to form explosive nitrogen trichloride.

10.6. Hazardous decomposition products
Under conditions of fire this material may produce: Nitrogen oxides; Ammonia; Biuret; Carbon oxides

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Not classified
Urea (57-13-6)

*LD50* oral rat: 8471 mg/kg
*LD50* oral rat: 14,300 mg/kg-male; 15,000 mg/kg-female
*LD50* oral mouse: 11,500 mg/kg-male; 13,000 mg/kg-female

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/irritation: Causes eye irritation.
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Bacterial Genetic Toxicity Invitro: Gene Mutation:
*Salmonella typhimurium* - Bacterial reverse mutation assay: Negative
Chinese Hamster – Chromosomal aberration test: Positive (very high dose);
Mouse: Positive (very high dose).
Non-Bacterial Genetic Toxicity In-Vitro: Chromosomal Aberration:
Mouse – Bone Marrow Cytogenetic test: Positive (extremely high dose)

Carcinogenicity: Not listed in IARC Monographs, by NTP, or OSHA
Reproductive toxicity: Toxicity to Reproduction:
No toxic effects on mouse gonads up to 6,750 mg/kg/day.
No toxic effects on rat gonads up to 2,250 mg/kg/day.
Developmental Toxicity / Teratogenicity:
Not teratogenic.
Specific target organ toxicity (single exposure): May cause respiratory irritation.
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified

**SECTION 12: Ecological information**

12.1. Toxicity

<table>
<thead>
<tr>
<th>Ecotoxicity:</th>
<th>EPA Ecological Toxicity rating:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity to Fish:</td>
<td><strong>96-h</strong> (<em>Barilius barma</em>) LC50 = &gt; 9,100 mg/L</td>
</tr>
<tr>
<td>Chronic Toxicity to Fish:</td>
<td>No data available</td>
</tr>
<tr>
<td>Acute Toxicity to Aquatic Invertebrates:</td>
<td>(Daphnia magna): 24 - h EC50 &gt; 10,000 mg/L</td>
</tr>
<tr>
<td>Toxicity to Aquatic Plants:</td>
<td>(Scenedesmus quadricauda) 192-hr cell multiplication inhibition test TT&gt;10,000 mg/L</td>
</tr>
<tr>
<td>Toxicity to Bacteria: (activated sludge):</td>
<td>No data available</td>
</tr>
<tr>
<td>Toxicity to Soil Dwelling Organisms:</td>
<td>Applications of nitrogenous fertilizers to grassland for long period may have deleterious effects on earthworms in the absence of liming</td>
</tr>
<tr>
<td>Toxicity to Other Non-Mammalian Terrestrial Species:</td>
<td>(Pigeon)- Subcutaneous-LDLO=16,000 mg/kg. Since Urea is a fertilizer, it may promote eutrophication in waterways. Non-toxic to aquatic organisms as defined by USEPA.</td>
</tr>
<tr>
<td>Toxicity to Terrestrial Plants:</td>
<td>7 days exposure to 0 mg urea / leaf - leaf-tip necrosis</td>
</tr>
<tr>
<td>Stability in Water:</td>
<td>T1/2 &gt; 1 year</td>
</tr>
</tbody>
</table>
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Sewage disposal recommendations: This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

Waste disposal recommendations: Place in an appropriate container and dispose of the contaminated material at a licensed site.

Additional information: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: Transport information

In accordance with DOT / TDG / ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

No dangerous good in sense of transport regulations.

14.2. UN proper shipping name

Not applicable

14.2 Additional information

Other information: No supplementary information available.

Overland transport
No additional information available

Transport by sea
No additional information available

Air transport
No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

<table>
<thead>
<tr>
<th>Urea, Dry</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Urea (57-13-6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Biuret (108-19-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
</tbody>
</table>
15.2. US State regulations

The following states have an OSH program approved by OSHA. If you are located in any of these states you may be under state jurisdiction rather than federal jurisdiction and your state may have more stringent requirements than OSHA. You should consult your state regulations to ensure compliance.

Alaska  Indiana  Minnesota  North Carolina  Utah
Arizona  Iowa  Nevada  Oregon  Vermont
California  Kentucky  New Mexico  Puerto Rico  *Virgin Islands
*Connecticut  Maryland  *New Jersey  South Carolina  Virginia
Hawaii  Michigan  *New York  Tennessee  Washington
*Illinois

*The state plans in these states apply only to public sector employers. In these states private sector employers are subject to USOL – OSHA jurisdiction. All other state plans apply to both public and private sector employers.

<table>
<thead>
<tr>
<th>Urea (57-13-6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. - Minnesota - Hazardous Substance List</td>
</tr>
<tr>
<td>U.S. - Texas - Effects Screening Levels - Long Term</td>
</tr>
<tr>
<td>U.S. - Texas - Effects Screening Levels - Short Term</td>
</tr>
</tbody>
</table>

15.3. Canadian regulations

| Urea, Dry |
| WHMIS Classification | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |

| Urea (57-13-6) |
| Listed on the Canadian DSL (Domestic Sustances List) inventory. |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |

| Imidodicarbonic diamide (108-19-0) |
| Listed on the Canadian DSL (Domestic Sustances List) inventory. |

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

SECTION 16: Other information

<table>
<thead>
<tr>
<th>NFPA health hazard</th>
<th>2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA fire hazard</td>
<td>0 - Materials that will not burn.</td>
</tr>
<tr>
<td>NFPA reactivity</td>
<td>0 - Normally stable, even under fire exposure conditions, and are not reactive with water.</td>
</tr>
</tbody>
</table>

Full text of H- phrases:

<p>| Eye Irrit. 2 | Serious eye damage/eye irritation Category 2 |</p>
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2</td>
<td>skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) Category 3</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
</tbody>
</table>

SDS US (GHS HazCom 2012)

Previous PotashCorp MSDS Number : MSDS 13 – Urea, Dry

Although the information contained is offered in good faith, SUCH INFORMATION IS EXPRESSLY GIVEN WITHOUT ANY WARRANTY (EXPRESS OR IMPLIED) OR ANY GUARANTEE OF ITS ACCURACY OR SUFFICIENCY and is taken at the user’s sole risk. User is solely responsible for determining the suitability of use in each particular situation. PCS Sales specifically DISCLAIMS ANY LIABILITY WHATSOEVER FOR THE USE OF SUCH INFORMATION, including without limitation any recommendation which user may construe and attempt to apply which may infringe or violate valid patents, licenses, and/or copyright.
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier       #007
Product Name            First Aid Burn Cream
Product Use             Topical Antiseptic and Analgesic Skin Cream
Manufacturer            Water Jel Technologies LLC
                        50 Broad Street
                        Carlstadt, New Jersey 07072
Telephone               201-507-8300
E-mail Address          www.waterjel.com
Emergency Telephone     1-800-275-3433
FAX Number              201-507-8325
Issue Date              06-01-2015

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common Name and Synonyms</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzalkonium Chloride</td>
<td></td>
<td>63449-41-2</td>
<td>0.13</td>
</tr>
<tr>
<td>Lidocaine HCl</td>
<td></td>
<td>6108-05-0</td>
<td>0.5</td>
</tr>
<tr>
<td>Glycerin</td>
<td>1, 2, 3, Propanetriol</td>
<td>56-81-5</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>Trolamine</td>
<td>102-71-6</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>1, 2, 3, Propanetriol 2-Hydroxypropanol</td>
<td>57-55-5</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview:
This product is regulated by the US FDA as an over-the-counter, monograph drug.
For Consumers, consult the Drug Facts on the package for use directions and warnings information.

Warnings: For External Use Only.
When using this product, avoid contact with the eyes.
Do not use on large areas of the body or on broken, blistered or oozing skin.
Stop use and ask a doctor if condition worsens or symptoms persist for more than 7 days.
If swallowed, get medical help or contact a Poison Control Center immediately.

Physical Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.
Health Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.
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:

Name: First Aid Burn Cream
Issue Date: 06-01-2015
Hazard Symbol: None
Signal Word: None
Hazard Statement: The mixture does not meet the criteria for classification.
Precautionary Statement:
Prevention: None required according to OSHA Hazcom 2012.
Response: None required according to OSHA Hazcom 2012.
Storage: None required according to OSHA Hazcom 2012.
Disposal: None required according to OSHA Hazcom 2012.

Hazards not otherwise classified (HNOC): None known.

Supplemental Information: None.

Route of Entry:
Skin Contact: May cause irritation, redness, inflammation or dryness.
Skin Absorption: No adverse conditions expected.
Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.
Inhalation: Not expected due to form.
Ingestion: May cause irritation of the digestive tract.

SECTION 4: FIRST AID MEASURES
Skin Contact: Wash off with warm water and soap. Get medical attention if symptoms occur.
Skin Absorption: No adverse conditions expected.
Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.
Inhalation: Remove victim to fresh air.
Ingestion: May cause irritation of the digestive tract.

SECTION 5: FIRE-FIGHTING MEASURES
Flammable: No
Means of Extinction: Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry chemical.
In fires involving large quantities of this product, the use of large streams of water should be avoided.
Use self-contained breathing apparatus when fighting fires that involve this material.
Flash Point and Method: NA
Upper Flammable Limit (% by volume): NA
Lower Flammable Limit (% by volume): NA
Autoignition Temperature (°C): NA
Explosion Data – Sensitivity to Impact: No unusual fire or explosion hazards noted.
Explosion Data – Sensitivity to Static Discharge: No unusual fire or explosion hazards noted.
Hazardous Combustion Products: Carbon oxides, Nitrogen Oxides (NOx).

NFPA Health 1 Fire 0 Reactivity 0 Other NA

Name: First Aid Burn Cream
Issue Date: 06-01-2015
SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, Protective equipment and Emergency procedures: Wear appropriate personal protective equipment.

Methods and materials for containment and clean up: Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewar, basements or confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental Precautions: Avoid discharge into drains and water sources.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Keep this and other chemicals out of the reach of children.

Storage Temperature: Do not store or mix with strong acids or oxidizers. Store at room temperature.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

<table>
<thead>
<tr>
<th>Components</th>
<th>ACGIH-TLVs</th>
<th>OSHA-PELs</th>
<th>NIOSH</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycolin (CAS 57-55-8)</td>
<td>NE</td>
<td>5 mg/m3</td>
<td></td>
<td>Aerosol</td>
</tr>
<tr>
<td>Propylene Glycol (CAS 57-55-6)</td>
<td>10 mg/m3</td>
<td>NE</td>
<td>NE</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Triethanolamine (CAS 102-71-6)</td>
<td>5 mg/m3</td>
<td>NE</td>
<td>NE</td>
<td>Aerosol</td>
</tr>
</tbody>
</table>

Biological Limit Values: No biological Exposure limits noted for the ingredients.

Ventilation and Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment: None required under normal conditions
Hand Protection: None required under normal conditions.
Eye and Face Protection: Eye protection, as necessary to prevent excessive contact.
Skin Protection: None required under normal conditions.
General Hygiene Considerations: Practice safe work habits.
Other Protective Equipment: Eye wash stations should be nearby and ready to use.
SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Cream.
Physical State: Cream.
Form: Cream.
Color: White, homogeneous.
Odor: Slightly fatty odor.
pH: No information available.
Boiling Point: 275°F
Melting Point: No information available.
Flash Point: N/A
Explosive Properties: No information available.
Oxidizing Properties: No information available.
Specific Gravity: 0.81
Water Solubility: Miscible.
Partition Coefficient: No information available.
Viscosity: No information available.
Vapor Pressure (mm Hg): No information available.
Vapor Density (Air=1): No information available.
Evaporation Rate: No information available.
% Volatile: No information available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use.
Chemical Stability: Stable at normal conditions.
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.
Conditions to Avoid: Extreme heat.
Materials to Avoid: Strong oxidants and strong acids.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Symptoms of Overexposure by Route of Exposure:
The health hazard information provided is for handling this product in an occupational setting.

Effects of Acute and Chronic Exposure:

Acute: The primary health effect that may be experienced in an occupational setting is mild irritation of contaminated skin.
Accidental ingestion may be harmful. Although unlikely, irritation can irritate the respiratory system. Eye contact will cause irritation.
Chronic: NE

Target Organs: Acute: Occupational exposure: Skin, eyes.
                  Chronic: Occupational exposure: Skin.

Inhalation:
Mist may slightly irritate the nose, throat and lungs. Symptoms are generally alleviated upon breathing fresh air.

Skin Contact:
SAFETY DATA SHEET

Skin contact may cause burning sensation, stinging, itching and tingling.

Eye Contact:
Eye contact can cause irritation, stinging, redness and tearing.

Ingestion:
Ingestion is not a significant route of occupational overexposure. Acute ingestion of large quantities of this product or chronic ingestion may cause adverse symptoms that may include nausea, vomiting and diarrhea.

Irritancy of the Product:
This product may cause mild to moderate irritation on damaged skin.

Skin Sensitization:
Not expected.

Respiratory Sensitization:
Not expected.

LD50/LC50:

Propylene Glycol (CAS 57-55-6)
- Oral (rat): 2200mg/kg
- Dermal: (rabbit) 20800 mg/kg

Triethanolamine:
- Oral (rat): 6110 reg/kg
- Dermal: (rabbit): >19670 mg/kg

Glycerin (Mist):
- Oral (rat): 12,600 mg/kg
- Subcutaneous (rat): Not Available

Carcinogenicity: Not classified as a human carcinogen by IARC or ACGIH.

Reproductive Toxicity:

Mutagenic/Embryotoxicity: The components of this product are not reported to cause mutagenic or embryonic effects in humans.

Teratogenicity: Not available.

Reproductive Toxicity: Not available.

SECTION 12: ECOLOGICAL INFORMATION

No specific information is currently available on the effect of this product on plants or animals in the environment. The product may be harmful to contaminated terrestrial and aquatic plant life in large quantities. The following aquatic toxicity data currently available for components of this product:

Propylene Glycol:

EC50 Green Algae (Desmodesmus subspicatus) 13000 mg/l 90 hours
EC50 Water Flea (Daphnia magna) 43500 mg/l 48 hours
LC 50 Fathead Minnow (Pimephales promelas) 46500 mg/l 96 hours
SAFETY DATA SHEET

Triethanolamine:
EC50 Green Algae (Desmodesmus subsplicatus) 512 mg/l 72 hours
NOEC Water Flea (Daphnia magna) 16 mg/l 21 days
LC 50 Fathead Minnow (Pimephales promelas) 11800 mg/l 96 hours

Environmental Exposure Controls: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

No component of this product is known to have ozone depletion potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Collect or dispose in sealed containers at licensed waste disposal sites. Dispose in accordance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated for Domestic Transport.
IATA Classification: Not regulated for International Transport.
IMDG Classification: Not regulated for International Water Transport.

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:
TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed.
SARA TITLE III (SUPEFFUND AMENDMENTS AND REAUTHORIZATION ACT) 304: Not regulated.
SARA 311/312 HAZARDOUS CATEGORIES: Not regulated.
SARA 313 REPORTABLE INGREDIENTS: Not listed.

STATE REGULATIONS:
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.

New Jersey RTK:
Glycerin (CAS 56-81-5)
Propylene Glycol (CAS 57-55-6)
Triethanolamine (CAS 102-71-6)

Massachusetts RTK:
Triethanolamine (CAS 102-71-6)

Pennsylvania RTK:
Propylene Glycol (CAS 57-55-6)
Triethanolamine (CAS 102-71-6)

INTERNATIONAL REGULATIONS:

<table>
<thead>
<tr>
<th>Country or Region</th>
<th>Inventory Name</th>
<th>Listed</th>
</tr>
</thead>
</table>

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<table>
<thead>
<tr>
<th>Country</th>
<th>Inventory/Regulatory List</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australia Inventory of Chemical Substances</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substance List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substance List (NDSSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances In China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substance Control Act (TSCA) Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>

**Note:** A “Yes” indicates that all components comply with the inventory requirements administered by the governing country. 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.

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**SECTION 16: OTHER INFORMATION**

**Issue Date:** 08-15-2015

**Version:** 01

**Disclaimer:**
The information provided in this Safety Data Sheet (SDS) is accurate to the best of our knowledge. 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 processes.