Section 1. Identification

Product Identifier  Aplicare Alcohol Prep Pad, Swabsticks
Synonyms  APLP10058S ; APLP10158S ; APLP11058S ; APLP11158S ; APLS1105 ; APLS1115 ; APLS11051S ; APLS11151S ; APLS3105 ; APLS3115 ; APLS31055S ; APLS31155S ; MSD_SDS0399
Manufacturer Stock Numbers  APLP10058S ; APLP10158S ; APLP11058S ; APLP11158S ; APLS1105 ; APLS1115 ; APLS11051S ; APLS11151S ; APLS3105 ; APLS3115 ; APLS31055S ; APLS31155S
Recommended use  Please refer to the product label.
Uses advised against  No information available.
Manufacturer Contact
Address  Medline Industries, Inc.
         3 Lakes Drive
         Northfield, IL, 60093
         USA
Phone  (800) 633-5463
Emergency Phone  (800) 424-9300
Fax  (847) 643-4436
CHEMTREC CHEMTREC
Website  www.Medline.com

Section 2. Hazards Identification

Classification  EYE DAMAGE/IRRITATION - Category 2A
                FLAMMABLE LIQUIDS - Category 2
                SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
Signal Word  Danger
Pictogram

Hazard Statements
Causes serious eye irritation
Highly flammable liquid and vapor
May cause drowsiness or dizziness

Precautionary Statements
Response
Call a poison center/doctor/... if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
In case of fire: Use CO2, dry chemical, or foam for extinction.
Specific treatment (see supplemental first aid instructions on this label)

Prevention
Avoid breathing dust/fume/gas/mist/ vapors/spray.
Ground/bond container and receiving equipment.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Take precautionary measures against static discharge.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Use only outdoors or in a well-ventilated area.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage
Keep cool.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal
Dispose of contents/container to an approved waste disposal plant.

Ingredients of unknown toxicity
0%

Hazards not Otherwise Classified
N.A.

Other information:
May be harmful if swallowed. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.

Section 3. Ingredients

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol</td>
<td>50% - 70%</td>
</tr>
</tbody>
</table>
Section 4. First-Aid Measures

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

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.

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.

Self-protection of the first aider: Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed: Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Note to Physician: Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, Carbon dioxide (CO2), Water spray, or Alcohol resistant foam.

Unsuitable Extinguishing Media: CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical: Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Hazardous combustion products: Carbon oxides.

Explosion data: Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: Yes

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.
Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions:
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. See section 8 for more information. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other information:
Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

Environmental Precautions:
Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and Materials for Containment and Cleaning up:
Methods for Containment:
Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. A vapor supressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways.

Methods for Cleaning up:
Pick up and transfer to properly labeled containers.

Section 7. Handling and Storage

Precautions for safe handling:
Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

Conditions for safe storage, including any incompatibilities:
Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products:
None known based on information supplied.

Section 8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
</tr>
</thead>
</table>

Page 4 of 10
Personal Protective Equipment

Control parameters:

Exposure Guidelines:
The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Other Exposure Guidelines:
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters.

Appropriate Engineering Controls:

Engineering Measures:
Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment:

Eye/Face Protection:
Tight sealing safety goggles.

Skin and Body Protection:

Respiratory Protection:
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures:
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient Water/n-octanol</td>
<td>No data available</td>
</tr>
<tr>
<td>Property</td>
<td>Value</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>VOC%</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.88</td>
</tr>
<tr>
<td>Density lbs/Gal</td>
<td>N/A</td>
</tr>
<tr>
<td>Pounds per Cubic Foot</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point</td>
<td>11.6 °C / 54 °F</td>
</tr>
<tr>
<td>FP Method</td>
<td>N.D.</td>
</tr>
<tr>
<td>pH</td>
<td>N.D.</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>No data available</td>
</tr>
<tr>
<td>LEL</td>
<td>N/A</td>
</tr>
<tr>
<td>UEL</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Section 10. Stability and Reactivity**

Reactivity: No data available.
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal processing.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to avoid: Heat, flames and sparks.
Incompatible Materials: Strong oxidizing agents, Acids, Chlorinated compounds.
Hazardous Decomposition Products: Carbon oxides.

**Section 11. Toxicological Information**

Information on likely routes of exposure: Product information:
Eye contact:
Specific test data for the substance or mixture is not available. Causes serious eye irritation (based on components). May cause redness, itching, and pain.

Skin contact:
Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

Inhalation:
Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Ingestion:
Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause drowsiness or dizziness.

Component Information:
Chemical Name: Isopropyl alcohol CAS 67-63-0
Oral LD50: 4.4 g/kg (Rat)
Dermal LD50: 12.8 g/kg (Rabbit)
Inhalation LC50: 16000 (Rat, 8 h)

Symptoms:
May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Delayeed-immediate effects, also chronic effects from short & long term exposure:
Sensitization:
No information available.

Mutagenic Effects:
No information available.

Carcinogenicity:
The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name:
Isopropyl Alcohol CAS-No. 67-63-0
ACGIH: -
IARC: Group 3
NTP: -
OSHA: X

IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans
OSHA (Occupational Safety and Health Administration)
X - Present

Reproductive Toxicity:
No information available.

STOT - Single exposure:
Based on classification criteria from the 2012 OSHA Hazard Communication Standard (29
CFR 1910.1200), this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). If this product is a mixture, the classification is not based on toxicology studies for this product, but is based solely on toxicology studies for ingredients found within this product. Detailed substance and/or ingredient information may be provided in other sections of this SDS. Target organs effects listed in this document may result from a single overexposure to this product.

STOT - Repeated exposure:
No information available

Chronic Toxicity:
No known effect based on information supplied

Target Organ Effects:

Aspiration Hazard:
No information available

The following values are calculated based on chapter 3.1 of the GHS document.
ATEmix (oral) 2,992.00 mg/kg
ATEmix (dermal) 6,494.00 mg/kg (ATE)
ATEmix (inhalation-dust/mist) 116.20 mg/L

### Section 12. Ecological Information

Ecotoxicity: The environmental impact of this product has not been fully investigated.

Chemical Name: Isopropyl Alcohol CAS-No. 67-63-0

Toxicity to Algae:
96h EC50: > 1000 mg/L (Desmodesmus subspicatus)
72h EC50: >1000 mg/L (Desmodesmus subspicatus)

Toxicity to Fish:
96h LC50: = 9640 mg/L (Pimephales promelas) 96h
LC50: = 11130 mg/L (Pimephales promelas) 96h
LC50: > 1400000 μg/L (Lepomis macrochirus)

Toxicity to Microorganisms:
Daphnia Magna (Water Flea):
48h EC50: 13299 mg/L

Persistence and degradability: No information available.
Bioaccumulation: Chemical Name: Isopropyl alcohol CAS-No. 67-63-0
Log Pow: 0.05
Other adverse effects: No information available.

Section 13. Disposal

Waste Treatment Methods: Disposal Methods:
This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging: Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number: D001

California Hazardous Waste Codes: 311

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name: Isopropyl alcohol CAS-No. 67-63-0
California Hazardous Waste: Toxic

Section 14. Transport Information

UN Number: N/A
UN Proper Shipping Name: CONSUMER COMMODITY
DOT Classification: ORM-D
Packing Group: N/A
IATA: UN Number: UN1993
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.
Hazard Class: 3
Packing Group: II
Description: UN1993, FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL), 3, II

IMDG: UN Number: UN1993
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.
Hazard Class: 3
Packing Group: II
EmS-No.: F-E, S-E
Description: UN1993, FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL), 3, II, (12°C C.C.)

Section 15. Regulatory Information

SARA 311/312: Refer to Section 2 of the SDS.
SARA 302: N.A.
SARA 304: N.A.
SARA 313: Isopropyl alcohol.
TSCA: All components are listed or exempt.
CERCLA Hazardous Substance List: N.A.
Clean Air Act (CAA) Section 112, 112 (r): N.A.
State Regulations: New Jersey Dept. of Health RTK: Isopropyl Alcohol
Pennsylvania RTK: 2-Propanol
Rhode Island RTK: Isopropyl Alcohol

Section 16. Other Information

Revision Date 5/30/2018
Legend N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined
National Fire Protection Association (U.S.A) Health Hazard: 2
Ratings: Flammability: 3
Instability: 0
HMIS (U.S.A.) Ratings: Health Hazards: 2
Flammability: 3
Physical Hazard: 0
Physical and Chemical Hazards - Personal Protection X
Additional Information The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.
Safety Data Sheet
BENZALKONIUM CHLORIDE TOWELETTES

Section 1. Identification

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>BENZALKONIUM CHLORIDE TOWELETTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms</td>
<td>MDS094181</td>
</tr>
<tr>
<td>Manufacturer Stock Numbers</td>
<td>MDS094181</td>
</tr>
</tbody>
</table>

Recommended use: To cleanse intended area.
Uses advised against: N.A.

Manufacturer Contact

Address
Medline Industries, Inc.
One Medline Place
Mundelein, IL, 60060
USA

Phone
(800) 633-5463

Emergency Phone
(800) 424-9300
CHEMTREC CHEMTREC

Fax
(847) 643-4436

Website
www.Medline.com

Section 2. Hazards Identification

Classification
EYE DAMAGE/IRRITATION - Category 2B
SKIN CORROSION/IRRITATION - Category 3

Signal Word
Warning

Pictogram

Hazard Statements
Causes eye irritation

Precautionary Statements
Response
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention.

Prevention
Wash affected area thoroughly after handling.

Storage
N/A

Disposal
N/A

Ingredients of unknown toxicity
0%

Hazards not Otherwise Classified
N.A.

### Section 3. Ingredients

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>8001-54-5</td>
<td>Benzalkonium Chloride</td>
<td>&lt; 1 %</td>
</tr>
<tr>
<td>144-55-8</td>
<td>Carbonic acid monosodium salt</td>
<td>&lt; 1 %</td>
</tr>
<tr>
<td>7732-18-5</td>
<td>Water</td>
<td>&gt; 99 %</td>
</tr>
</tbody>
</table>

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First-Aid Measures

**General Advice:** Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**Eye Contact:**
Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. If irritation persists, seek medical attention.

**Skin Contact:**
Flush with water; if irritation persists, seek medical attention.

**Inhalation:**
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**Ingestion:**
If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If patient is conscious and alert, give large amounts of water. Get medical attention.

### Section 5. Fire Fighting Measures

**Suitable Extinguishing Media:**
In case of fire, use suitable extinguishing media.

**Unsuitable Extinguishing Media:**
None known

**Unusual Fire and Explosive Hazards:**
Products of combustion: COx NOx C10x

**Special Fire Fighting Procedures:**
Self contained breathing apparatus and full protective clothing recommended.
Section 6. Accidental Release Measures

Non-hazardous Small Spill: Should be cleaned up at the time of the spill. Take all necessary precautions and wear any personal protective equipment that is applicable. Dispose of per local and state regulations.

Non-hazardous Large Spill: Should be cleaned up at the time of the spill. May require special treatment, equipment and/or emergency assistance. Dispose of per local and state regulations.

Section 7. Handling and Storage

Handling Non-hazardous: This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

Storage Non-hazardous: Store in original package. Discard unused portion. Do not reuse. No special storage conditions required.

Section 8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Occupational Exposure Limits</th>
<th>Ingredient Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Benzalkonium Chloride</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>Carbonic acid monosodium salt</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>Water</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Personal Protective Equipment: N/A

Engineering Controls: Ventilation

Respiratory Protection: No special respiratory protection is recommended under anticipated conditions of normal use with adequate ventilation.

Eye Protection: None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.

Skin Protection: None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.

Other protective equipment: Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled, use appropriate protective clothing or equipment.

Work/hygienic practices: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.
### Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th><strong>Physical State</strong></th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Color</strong></td>
<td>Colourless transparent solution</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Characteristic</td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>Soluble</td>
</tr>
<tr>
<td><strong>Partition coefficient Water/n-octanol</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>VOC%</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Specific Gravity</strong></td>
<td>0.968</td>
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<td><strong>Density lbs/Gal</strong></td>
<td>N/A</td>
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<tr>
<td><strong>Pounds per Cubic Foot</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>FP Method</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Ph</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Boiling Range</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>LEL</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>UEL</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Flammability</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Decomposition Temperature</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Auto-ignition Temperature</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
<td>N.A.</td>
</tr>
<tr>
<td><strong>Vapor Density</strong></td>
<td>N.A.</td>
</tr>
</tbody>
</table>

### Section 10. Stability and Reactivity

**Stability:** Stable.

**Reactivity:** Do not mix with ionic surface active agent.

**Incompatibility (Materials to Avoid):** Strong oxidizing agents.

**Hazardous Decomposition or Byproducts:** N.D.

**Hazardous Polymerization Conditions to avoid:** Will not occur.

**Conditions to avoid:** N.D.
Section 11. Toxicological Information

Acute Toxicity: Eye Contact  May cause irritation.
Acute Toxicity: Skin Contact  May cause irritation and/or redness.
Acute Toxicity: Inhalation  N.A.
Acute Toxicity: Ingestion  N.A.
Carcinogenicity:  NTP listed: No
                 IARC listed: No
Chronic Toxicity:  N.D.
OSHA STEL/PEL:  N.D.
ACGIH TLV:  N.D.

Section 12. Ecological Information

Toxicity:  N.A.
Persistence and degradability:  N.A.
Bioaccumulative potential:  N.A.
Mobility in soil:  N.A.
Other adverse effects:  N.A.

Section 13. Disposal

Waste Disposal:  Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Code:  N.A.

Section 14. Transport Information

UN Number  N/A
UN Proper Shipping Name  Not regulated
DOT Classification  Not regulated
Packing Group  Not regulated
IATA:  N.A.
IMDG:  N.A.
## Section 15. Regulatory Information

**US Federal Regulations:**

Goto **General Product Information**

- This product is not known to be 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.

Goto **Clean Air Act**

- N.A.

Goto **Component Analysis**

- N.A.

Goto **Food & Drug Administration**

- N.A.

**State Regulations: General Product Information**

- N.A.

Goto **Component Analysis**

- N.A.

**Other Regulations:**

- N.A.

**Other Classifications:**

- N.A.

**WHMIS (Canada):**

- N.A.

**California Prop.65:**

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

**CERCLA:**

- N.A.

**SARA Title III Section 302 Extremely Hazardous Substances:**

- N.A.

**SARA Title III Section 311/312 Hazard class:**

- N.A.

**SARA Title III Section 313 Chemicals:**

- N.A.

**TSCA:**

- N.A.
# Section 16. Other Information

<table>
<thead>
<tr>
<th>Legend</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N.A. - Not Applicable</td>
<td></td>
</tr>
<tr>
<td>N.E. - Not Established</td>
<td></td>
</tr>
<tr>
<td>N.D. - Not Determined</td>
<td></td>
</tr>
</tbody>
</table>

| HMIS (U.S.A.): Health Hazard                | O                         |
| HMIS (U.S.A.): Flammability                 | O                         |
| HMIS (U.S.A.): Physical Hazard              | O                         |
| HMIS (U.S.A.): Personal Protection          | N.A.                     |
| National Fire Protection Association (U.S.A): Health Hazard | N.A.                |
| National Fire Protection Association (U.S.A): Flammability | N.A.                |
| National Fire Protection Association (U.S.A): Special Hazard | N.A.                |

| Revision Date | 5/28/2015 |
SAFETY DATA SHEET

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: 08-25-2015

SECTION 2: 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:
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.
SAFETY DATA SHEET

Route of Entry:

<table>
<thead>
<tr>
<th>Skin Contact</th>
<th>May cause irritation, redness, inflammation or dryness.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Absorption</td>
<td>No adverse conditions expected.</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not expected due to form.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause irritation of the digestive tract.</td>
</tr>
</tbody>
</table>

SECTION 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>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>57-55-6</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

<table>
<thead>
<tr>
<th>Skin Contact</th>
<th>Wash off with warm water and soap. Get medical attention if symptoms occur.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Absorption</td>
<td>No adverse conditions expected.</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Remove victim to fresh air.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause irritation of the digestive tract.</td>
</tr>
</tbody>
</table>

SECTION 5: FIRE-FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Flammable</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Means of Extinction</td>
<td>Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry chemical.</td>
</tr>
<tr>
<td>In fires involving large quantities of this product, the use of large streams of water should be avoided.</td>
<td></td>
</tr>
<tr>
<td>Use self-contained breathing apparatus when fighting fires that involve this material.</td>
<td></td>
</tr>
<tr>
<td>Flash Point and Method</td>
<td>NA</td>
</tr>
<tr>
<td>Upper Flammable Limit (% by volume)</td>
<td>NA</td>
</tr>
<tr>
<td>Lower Flammable Limit (% by volume)</td>
<td>NA</td>
</tr>
<tr>
<td>Autoignition Temperature (°C)</td>
<td>NA</td>
</tr>
<tr>
<td>Explosion Data – Sensitivity to Impact</td>
<td>No unusual fire or explosion hazards noted.</td>
</tr>
<tr>
<td>Explosion Data – Sensitivity to Static Discharge</td>
<td>No unusual fire or explosion hazards noted.</td>
</tr>
<tr>
<td>NFPA Health</td>
<td>1</td>
</tr>
<tr>
<td>Fire</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>NA</td>
</tr>
</tbody>
</table>

Name: First Aid Burn Cream
Issue Date: 08-25-2015
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, 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 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>Glycerin (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 9: 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:
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/k
- Dermal (rabbit) 20800 mg/k

Triethanolamine):
- Oral (rat): 6110 mg/kg
- Dermal (rabbit): >19870 mg/k

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/Embryo Toxicity: 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) 19000 mg/l 96 hours
EC50 Water Flea (Daphnia magna) 43500 mg/l 48 hours
LC 50 Fathead Minnow (Pimephales promelas) 46500 mg/l 96 hours
Triethanolamine:

EC50 Green Algae (Desmodesmus subspicatus) 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 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 HAZARD 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>
<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 (NDSL)</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.

SECTION 16: OTHER INFORMATION

Issue Date: 08-25-2015

Version: 02

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.
SAFETY DATA SHEETS
For
Instant cold pack

Samples Name: Instant cold pack

Client Name: Danyang Rapid Aid Hot And Cold Therapy Products Co., Ltd.
Client Address: Glasses Industrial Park, Danfu Road, Danyang, Jiangsu, China

STC (Shanghai) Company Limited
No. 130, Huashen Road, Waigaoqiao Free Trade Zone, Shanghai, China (Zip code: 200131)
Tel: (86 21) 52198248 Fax: (86 21) 52198249 Homepage: www.shstc.org Email: shstc@shstc.org
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Please refer to the original test report as this e-report is for reference only!
Safety Data Sheet (SDS)


Regulatory Status:
None of the components present in this preparation at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION 1: PRODUCT IDENTIFICATION

1.1 Product identifier:
Instant cold pack

1.2 Recommended use and restrictions on use:
Recommended use:
Cold application for cold therapy

1.3 Supplier’s details:
Manufacturer: Danyang Rapid Aid Hot And Cold Therapy Products Co., Ltd.
Address: Glasses Industrial Park, Danfu Road, Danyang, Jiangsu, China
Telephone: 0511-88013011

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

GHS LABEL ELEMENTS: The substance is classified and labeled according to the Globally Harmonized System (GHS).

HAZARD PICTOGRAMS & SIGNAL WORD
This product is not a hazardous article and need not be labelled

HAZARD-DETERMINING COMPONENTS OF LABELING:
None

HAZARD STATEMENTS:
None

PRECAUTIONARY STATEMENTS:
Prevention
None
Response
None
Storage
None
Disposal
None.

CLASSIFICATION SYSTEM: NFPA DEFINITIONS: 0-LEAST, 1-SLIGHT, 2-MODERATE, 3-HIGH, 4-EXTREME
Safety Data Sheet (SDS)

No.: SP116464  Date: 2015-04-23  Page 3 of 9
Name: Instant cold pack

NFPA RATING DIAMOND (SCALE 0-4):
  HEALTH=2
  FIRE=0
  REACTIVITY=0

HMIS-RATINGS (SCALE 0-4):
  HEALTH : 2
  FIRE : 0
  REACTIVITY: 0

SECTION 3: COMPOSITION INFORMATION

COMPOSITION: Mixture consisting of the following components

<table>
<thead>
<tr>
<th>IUPAC</th>
<th>Concentration (weight percent, %)</th>
<th>MOLECULAR FORMULA</th>
<th>IDENTIFIERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>40-60</td>
<td>H₂O</td>
<td>CAS: 7732-18-5</td>
</tr>
<tr>
<td>Urea</td>
<td>40-60</td>
<td>CH₄N₂O</td>
<td>CAS: 57-13-6</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL INFORMATION: If medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

PRIMARY TOUTES OF ENTRY: Eye and skin contact; ingestion; inhalation.

AFTER INHALATION: Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance.

AFTER SKIN CONTACT: Take off contaminated clothing and shoes. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

AFTER EYE CONTACT: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

AFTER SWALLOWING: Rinse mouth with plenty of water, Make victim drink plenty of water. Do not induce vomiting.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

No information available
SECTION 5: FIRE & EXPLOSION HAZARD DATA

GENERAL INFORMATION: Non flammable liquid

FLASH POINT: No information available

AUTOIGNITION TEMPERATURE: No information available

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol-resistant foam

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustion of vapor and liquid may produce carbon monoxide, carbon dioxide and other hazardous gases.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, nitrogen oxide

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

1. Remove all sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges.
2. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapors and contacting with skin and eyes.
3. Wear protective clothing, gloves, safety glasses and dust respirator.

SPILL AND LEAK PROCEDURES:
1. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
2. Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
3. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

ENVIRONMENTAL PRECAUTIONS:
1. Prevent further leakage or spillage if safe to do so.
2. Do not let product enter drains.
SECTION 7: HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING & STORAGE:

Protective measures
Handling is performed in a well ventilated place.
Wear suitable protective equipment.
Avoid contact with skin and eyes. Avoid inhalation of vapors or mist.

Measures to prevent fire
Keep away from heat/sparks/open flames/ hot surfaces.
Take precautionary measures against static discharges.

Measures to prevent aerosol and dust generation
Not applicable

OTHER PRECAUTIONS:
Wash hands and face after using of the substances
Replace the contaminated clothing immediately.
In addition to use mentioned in the first parts , unforeseen other specific end uses

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use appropriative respirator if exposure limits are exceeded or if
irritation or other symptoms are experienced. Recommended
Filter type: low boiling organic solvent, Type AX, Brown,
conforming to EN371.

EYE PROTECTION: Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).

SKIN PROTECTION: Wear protective clothing.

ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas.
Ensure that eyewash stations and safety showers are close to the
workstation location.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None
Safety Data Sheet (SDS)

No.: SP116464                                      Date: 2015-04-23                                      Page 6 of 9
Name: Instant cold pack

SECTION 9: PHYSICAL/ChemICAL CHARACTERISTICS

pH: Not applicable
Boiling Point: No information available
Freezing Point: No information available
Specific Gravity (H2O = 1): No information available
Vapor Pressure (mm Hg): No information available
Vapor Density (AIR = 1): No information available
Evaporation Rate (Butyl Acetate = 1): No information available
Solubility in Water: Soluble in water
Appearance and Odor: Granules and liquid

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under proper operation and storage conditions
CONDITIONS TO AVOID: Melts and decomposes when strongly heated
INCOMPATIBILITY (MATERIAL TO AVOID): Strong base, Strong acid
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide, nitrogen oxide
HAZARDOUS POLYMERIZATION: No polymerization

SECTION 11: TOXICOLOGICAL INFORMATION

PRECAUTIONARY STATEMENTS: If medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

POTENTIAL HEALTH EFFECTS:

INHALATION No information available.
EYE No information available.
SKIN No information available.
INGESTION No information available.
TARGET ORGANS No information available.

PRIMARY ROUTES OF EXPOSURE Percutaneous, Inhalation

POTENTIAL EFFECTS OF CHRONIC EXPOSURE No information available.

IRRITATION/SENSITIZATION Based on available data, the classification criteria are not met.
TERATOGENICITY Based on available data, the classification criteria are not met.
MUTAGENICITY Based on available data, the classification criteria are not met.
REPRODUCTIVE TOXICITY Based on available data, the classification criteria are not met.

STC (Shanghai) Company Limited
No. 130, Huashen Road, Waigaoqiao Free Trade Zone, Shanghai, China (Zip code: 200131)
Tel: (86 21) 52198248 Fax: (86 21) 52198249 Homepage: www.shstc.org Email: shstc@shstc.org
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For conditions of issuance of this test report, Please refer to the overleaf or homepage
Please refer to the original test report as this e-report is for reference only!
SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No information available.

BIODEGRADABILITY: No information available.
BIOACCUMULATION: No information available.
MOBILITY: No information available.
OTHER ADVERSE EFFECTS: Urea does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Before disposal should refer to the relevant national and local laws and regulation.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER
DOT, ADR, IMDG, IATA: Not applicable

UN PROPER SHIPPING NAME
DOT: Not applicable
ADR: Not applicable
IMDG, IATA: Not applicable

TRANSPORT HAZARD CLASS(ES)
The product is not classified as dangerous according to DOT, ADR, IMDG, IATA
HAZARD LABEL: Not applicable
DOT CLASS: Not applicable
LABEL: Not applicable
ADR CLASS: Not applicable
LABEL: Not applicable
IMDG, IATA CLASS: Not applicable
LABEL: Not applicable
PACKING GROUP: Not applicable
PACKING INSTRUCTION: Not applicable
SPECIAL PROVISIONS: Not applicable
IMDG LIMITED QUANTITY (LQ): Not applicable
EXCEPTED QUANTITIES (EQ): Not applicable
UN MODEL REGULATION: TDG (18th)
ORM-D: Not applicable
SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not listed
CERCLA/SARA - HAZARDOUS SUBSTANCES AND THEIR REPORTABLE QUANTITIES: Not listed
302 EXTREMELY HAZARDOUS SUBSTANCES EPCRA RQS: Not listed
302 EXTREMELY HAZARDOUS SUBSTANCES TPQS: Not listed
CERCLA/SARA - 313 - EMISSION REPORTING: Not listed

US STATE REGULATIONS:

CALIFORNIA - 8 CCR SECTION 339 - DIRECTOR'S LIST OF HAZARDOUS SUBSTANCES: Not listed

INTERNATIONAL REGULATIONS:

WATER HAZARD CLASS (GERMANY): Not listed

CANADA
DOMESTIC SUBSTANCES LIST (DSL): Not listed
WHMIS - INGREDIENT DISCLOSURE LIST: Not listed
SECTION 16: OTHER INFORMATION

Date of Preparation/Last Revision: 4/01/15

FURTHER INFORMATION: This SDS has been prepared in accordance with: 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

DISCLAIMER: The information provided in this Data Safety Sheet has been compiled, in good faith, from our experience and data presented in various technical publications. An SDS for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. It is believed to be accurate and represents the best information currently available. HOWEVER, STC(Shanghai) Company Limited MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER TYPE, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS DESCRIBED OR DATA OR INFORMATION PROVIDED, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OF SUCH PRODUCTS, DATA OR INFORMATION. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall STC(Shanghai) Company Limited be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if STC(Shanghai) Company Limited has been advised of the possibility of such damages. We reserve the right to update SDS sheets from time to time as new information becomes available. It is the responsibility of the user to verify that they have the latest revision available.

********** End of Test Report **********
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:
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: Flammable liquids Category 3
Health hazards: Serious eye damage/eye irritation Category 2A
Specific target organ toxicity, single exposure Category 3 narcotic effects
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.
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/Ethyl Alcohol</td>
<td>64-17-5</td>
<td>52.5</td>
</tr>
</tbody>
</table>
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, flares, 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.

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 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

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

<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>
</tbody>
</table>

**US. ACGIH Threshold Limit Values**

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

**US. NIOSH: Pocket Guide to Chemical Hazards**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<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**

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**
  Chemical resistant gloves recommended.

- **Hand protection**
  Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health or safety professional or manufacturer for specific information.

- **Other**
  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.

- **Respiratory protection**
  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.
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.


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.

<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></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dermal</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 15800 mg/kg</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>&gt; 32380 ppm, 4 hours (vapor)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 61 mg/l, 4 hours (vapor)</td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>7060 mg/kg</td>
</tr>
<tr>
<td>Lidocaine (CAS 6108-05-0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>292 mg/kg</td>
</tr>
</tbody>
</table>

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>
<td>Ethanol (CAS 64-17-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>EC50</td>
<td>Green algae (Selenastrum capricornutum)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 mg/l, 96 hours</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Daphnia magna)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5012 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&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
UN1170
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.
- Marine pollutant: 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

IATA; IMDG

15. Regulatory information

US federal regulations
- This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
- 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 toxic
Ethanol (CAS 64-17-5) Listed: October 1, 1987

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>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>
<td>Yes</td>
</tr>
</tbody>
</table>
Country(s) or region | Inventory name | On inventory (yes/no)*
---|---|---
Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No
United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

Issue date: 01-29-2015
Version #: 01

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

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)
Material Safety Data Sheet from manufacturer.
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier  #014
Product Name  Triple 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:  08-25-2015

SECTION 2: 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.
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:
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: Direct contact with eyes may cause temporary irritation.
Inhalation: Not expected due to form.
Ingestion: May cause irritation of the digestive tract.

SECTION 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>Bacitracin Zinc USP</td>
<td>Proprietary</td>
<td>1405-89-6</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Neomycin Sulfate</td>
<td>Proprietary</td>
<td>1405-10-3</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Polymixin B Sulfate</td>
<td>Proprietary</td>
<td>1405-20-5</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Petrolatum</td>
<td>Proprietary</td>
<td>8009-03-8</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

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.

NFPA Health 0 Fire 1 Reactivity 0 Other NA
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, 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 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>Petrolatum (CAS 8009-03-8)</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: 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 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
Melting 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.
% 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.
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 ozone 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 HAZARD CATEGORIES: Not regulated.
SARA 313 REPORTABLE INGREDIENTS: Not listed.

STATE REGULATIONS:
California Prop 65: Warning: This product does contain a chemical known to the State of California to cause cancer, birth, or any other reproductive defects.
Neomycin Sulfate USP (CAS 1405-10-3) – internal use only – listed October 1, 1992

New Jersey RTK: Not listed.

Massachusetts RTK: Petrolatum (CAS 8009-03-8)

Pennsylvania RTK: Petrolatum (CAS 8009-03-8)

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: 08-25-2015
Version: 02

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.