

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Safetec® Triple Antibiotic Ointment  
**Other means of identification** Not available.  
**Recommended use** Not available.  
**Recommended restrictions** None known.  
**Manufacturer/Importer/Supplier/Distributor information**  
**Manufacturer**  
**Manufacturer:** Safetec of America, Inc.  
 887 Kensington Avenue  
 Buffalo, NY 14215  
**Company Telephone:** 1-716-895-1822  
**E-mail Address:** www.safetec.com  
**Emergency Telephone:** 1-800-255-3924  
**Supplier** Refer to Manufacturer

## 2. Hazard(s) identification

**Physical hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.  
**Health hazards** 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.  
**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Bacitracin Zinc USP		1405-89-6	Proprietary
Neomycin Sulfate USP		1405-10-3	Proprietary
Petrolatum USP		8009-03-8	Proprietary
Polymyxin B Sulfate		1405-20-5	Proprietary

## 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** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.  
**Ingestion** Seek medical advice.

**Most important symptoms/effects, acute and delayed** Direct contact with eyes may cause temporary irritation.

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

## 5. Fire-fighting measures

**Suitable extinguishing media** Alcohol foam. Dry chemicals. Carbon dioxide (CO<sub>2</sub>).

**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.

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** When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Use only with adequate ventilation. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities** Keep container tightly closed. Keep cool. Store away from incompatible materials.

## 8. Exposure controls/personal protection

### Occupational exposure limits

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

Components	Type	Value	Form
Petrolatum USP (CAS 8009-03-8)	PEL	5 mg/m <sup>3</sup>	Mist.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Petrolatum USP (CAS 8009-03-8)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.

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

Components	Type	Value	Form
Petrolatum USP (CAS 8009-03-8)	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls** Ensure adequate ventilation, especially in confined areas.

## Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Chemical resistant gloves recommended.
<b>Other</b>	Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health or safety professional or manufacturer for specific information.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Contact health and safety professional or manufacturer for specific information.
<b>Thermal hazards</b>	Not available.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

<b>Appearance</b>	Ointment.
<b>Physical state</b>	Liquid.
<b>Form</b>	Gel.
<b>Color</b>	White to off-white.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	> 199.9 °F (> 93.3 °C) Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Insoluble.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Specific gravity</b>	0.83

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

<b>Conditions to avoid</b>	High temperatures.
<b>Incompatible materials</b>	Strong oxidizing agents. Acids.
<b>Hazardous decomposition products</b>	Carbon oxides.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	No harmful effects expected in amounts likely to be ingested by accident.

<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
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### Information on toxicological effects

<b>Acute toxicity</b>	No adverse effects are expected.
<b>Skin corrosion/irritation</b>	This product is not classified as a skin corrosive or irritant.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	This product is not expected to cause respiratory sensitization.
<b>Skin sensitizer</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

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

Not listed.

<b>Reproductive toxicity</b>	This product is not expected to cause reproductive effects.
<b>Specific target organ toxicity - single exposure</b>	Not classified as a specific target organ toxicity -single exposure.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified as a specific target organ toxicity -repeated exposure.
<b>Aspiration toxicity</b>	Not expected to be an aspiration hazard.

## 12. Ecological information

<b>Ecotoxicity</b>	Not expected to be harmful to aquatic organisms.
<b>Persistence and degradability</b>	Not available.
<b>Bioaccumulative potential</b>	Not available.
<b>Mobility in soil</b>	Not available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

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

## 15. Regulatory information

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

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

Not regulated.

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

Not listed.

### SARA 304 Emergency release notification

Not regulated.

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

Not listed.

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

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

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes

### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

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

Not regulated.

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

Not regulated.

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

### US state regulations

#### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

#### US. Massachusetts RTK - Substance List

Petrolatum USP (CAS 8009-03-8)

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

Not listed.

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

Petrolatum USP (CAS 8009-03-8)

#### 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/Developmental toxin**

Neomycin Sulfate USP (CAS 1405-10-3)

Listed: October 1, 1992

**International Inventories**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	No
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	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** 01-19-2015

**Version #** 01

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

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**Bibliography**

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 Canadian Centre for Occupational Health and Safety, CCIInfoWeb Databases, 2014  
 (Chempendium, RTECs, HSDB, INCHEM)  
 European Chemicals Bureau, Existing Chemicals Work Area, EINECS Information System, 2014.  
 Material Safety Data Sheet from manufacturer.  
 OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2014.



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Reviewed on 5/9/16

## SAFETY DATA SHEET

### SECTION 1. Product and Company Identification

**PRODUCT NAME:** Alcohol Preparation Pads/Swab

**RECOMMENDED USE:** Topical skin antiseptic

**Product Code:** AM-20200, 1113, 1114, 1116, PK-1114

**Manufacturer's Name:** Dynarex Corporation

**Manufacturer's Address:** 10 Glenshaw Street  
Orangeburg, NY 10962

**Emergency or Information Phone No.:** 888-DYNAREX or 845-365-8200  
At other times, contact the local Poison Control Center

### SECTION 2. Hazards Identification

<u>Physical hazards</u>	Flammable solids	Category 1
<u>Health hazards</u>	Serious eye damage/eye irritation	Category 2A
<u>Environmental hazards</u>	Not determined.	
<u>OSHA defined hazards</u>	None additional.	



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Label elements



Signal word  
 Hazard statement

Danger  
 Flammable solid  
 Causes serious eye irritation

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces – No smoking. Use only in a well-ventilated area.

Response

If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. In case of fire: use appropriate media to extinguish.

Storage

Store in a well-ventilated place.

Disposal

Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise  
 Classified (HNOC)

None known.





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## Supplemental information

### Main Hazards:

Highly flammable; irritation to eyes; vapor may cause drowsiness and dizziness

### Absorption:

Eye contact; ingestion; inhalation; skin contact

### Carcinogenic Status:

Not considered carcinogenic by NTP, IARC, and OSHA

### Target Organs:

Central nerves system; skin; eye; liver; respiratory system

### Health Effects:

#### **Eyes**

Liquid, mist or vapor will cause conjunctival irritation and possible corneal damage.

#### **Skin**

Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. Liquid may be absorbed through the skin but not in toxicologically significant amounts, unless the contact area is large and under prolonged exposure.

#### **Ingestion**

Swallowing a small amount may have the effect of any of these symptoms: irritation of mouth, throat, digestive tract, and central nerves system depression.

A large dose may have the effect of any of these symptoms: dizziness, drowsiness, headache, mental confusion, nerve damage leading to numbness



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and muscle weakness, fall of blood pressure, liver damage, lung damage.

**Inhalation**

Exposure to vapor may have the effect of any of these symptoms: irritation of nose, throat and respiratory tract, central nerve system depression.

Exposure to vapor at high concentration may have the effects of any of these symptoms: dizziness, drowsiness, headache, mental confusion, lung damage, fall of blood pressure, liver damage, nerve damage leading to numbness and muscle weakness.

**SECTION 3. Composition/information on Ingredients**

Hazardous Ingredients (specific)	% Composition	CAS Number
Isopropyl Alcohol (2-Propanol)	70%	67-63-0
Inactive Ingredient		
Water	30%	7732-18-5

**SECTION 4. First-aid measures**

Eyes:

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin:

Immediately flood the affected skin area with large quantity of water, preferably under a shower. Remove contaminated clothing and continue washing. Contaminated clothing should be washed thoroughly before re-use. Obtain medical attention if blistering of the skin occurs or redness persists.

Ingestion:

Do not induce vomiting. Have victim drink several large glasses of water to dilute the stomach contents. Give the victim oxygen if he/she has difficulty in



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breathing. Obtain medical attention immediately.

Inhalation:

Remove the victim from exposure immediately. Give the victim oxygen if he/she has difficulty in breathing. Obtain medical attention immediately.

MEDICAL PERSONNEL:

Monitor the victim for systemic secondary effects on liver and kidney functions. Support and treat as appropriate.

## **SECTION 5. Fire-fighting measures**

Flash Point – 20°C/68°F

Boiling Point – 80°C/176°F

Extinguishing Media – Dry Chemical or Alcohol Type Foam, Carbon Dioxide

Be aware of the possibility of re-ignition. Keep containers and surroundings cool with water spray.

Unusual Fire and Explosion Hazards –

Class 3 Flammability. Vapor can travel a considerable distance to a source of ignition and flashback. Flashback can occur if air temperature exceeds flash point. Be aware the possibility of re-ignition.

Special Fire Fighting Procedures –

Handle as Flammable Liquid. Use Respiratory Protection. Wear full protective clothing for Fire Fighting Personnel.

## **SECTION 6. Accidental release measures**

- Flush spills with water.



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- Contain and absorb using soil, sand, or other inert material.
- Vapor can accumulate in low areas. Consider the need for evacuation.
- Prevent the material from entering drains or water courses.

## **SECTION 7. Handling and storage**

- Eliminate all sources of ignition. Store away from heat.
- Store in well ventilated area.
- Handle as flammable liquid. Follow local, state and federal regulations.
- Avoid inhaling vapor. Avoid contact with eyes, skin and clothing.
- Wear eye protection if splashing is expected.
- Wear appropriate protective clothing.
- Use respirator if exposure level is high when handling bulk liquid.
- Keep container tightly closed when not in use.

## **SECTION 8. Exposure controls/personal protection**

- OSHA Occupation Exposure Standards PEL 400ppm (980mg/m<sup>3</sup>) 8h TWA
- UK EH40: OES 400ppm (980mg/m<sup>3</sup>) 8h TWA
- UK EH40: OES 500ppm (1225mg/m<sup>3</sup>) 15min TWA
- ACGIH: TLV 200ppm (980mg/m<sup>3</sup>) 8h TWA
- ACGIH: STEL 400ppm (1225mg/m<sup>3</sup>) 15min TWA
- Personal Protective Equipment
  - Gloves
  - Eye
  - Clothing

## **SECTION 9. Physical and chemical properties**

Appearance – Liquid Saturated Towelette / Pad / Swab



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Color – Clear  
Odor – Alcohol  
Vapor Density – 2.1 (Air = 1)  
Viscosity (cSt) – 2.9 cps at <@2> °C

Evaporation Rate – Environmental Dependent  
Water Solubility – Complete  
Specific Gravity – 0.8405

## SECTION 10. Stability and reactivity

Stability –	Stable under normal conditions
Conditions to Avoid –	None
Incompatibility –	None
Hazardous Decomposition or By-product –	Oxides of carbon
Polymerization –	Will Not Occur.

## SECTION 11. Toxicological information

### Acute Toxicity

- Low level of acute toxicity predicted.
- May be harmful by skin absorption.
- Oral LD50 (rat) 5045mg/kg.
- Dermal LD50 (rabbit) 12800mg/kg.
- Inhalation LCLO (rat) 1600ppm 4h.

### Chronic Toxicity / Carcinogenicity

- Material not expected to cause long-term adverse health effects.
- Material not classifiable as to its carcinogenicity to humans (Group 3).
- Chronic / Sub-chronic studies resulted in adverse effects to:



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- Liver, spleen, biochemical effects, brain tissue degeneration, changes in reflex behavior, sensory nerve damage.

#### Genealogy Toxicity

- Material is not expected to cause any mutagenic effects.

#### Reproductive / Developmental Toxicity

- Material is not expected to cause reproductive or developmental health effects.
- Experimental studies in animals have provided some evidence of embryo / fetus toxicity and birth defects only at doses producing marked maternal toxicity.

### **SECTION 12. Ecological information**

- Mobility
- If released to soil, IPA is expected to have very high mobility
- Persistence / Degradability
- IPA is readily degraded in aerobic aqueous systems
- Bio-accumulation
  
- Low potential for bio-concentration in aquatic organisms

### **SECTION 13. Disposal considerations**

- Transfer into suitable containers for recovery or disposal.
- Dispose in accordance with all applicable local and national regulations.
- Do not remove labels from container until the container has been cleaned.
- Do not cut, puncture or weld on or near the container.
- Do not incinerate closed containers.
- Empty containers may contain hazardous residues



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## SECTION 14. Transport information

### US DOT Information:

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN/NA #:** Not regulated per 49 CFR, Special Provision 47 (for rail and road transport in the USA)

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional Information:** No additional information available

### IATA Information:

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated, as per IATA, Special Provision A46

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** Consult current IATA regulations prior to shipping by air

### IMDG Information:

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated, as per IMDG Code, Special Provision 216

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** No additional information available



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**TDG Information:**

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** No additional information available

**SECTION 15. Regulatory information**

This product is compliant with the following:

- EU Label: Classification and labeling have been performed according to EU Directive 67/548/EEC and 99/45/EC including amendments
- EU Hazard Symbol and Indication of Danger
- F – Highly flammable
- Xi – Irritant
- R11 – Highly flammable
- R36 – Irritating to eyes
- R67 – Vapors may cause drowsiness and dizziness
- S2 – Keep out of reach of children
- S7 – Keep container tightly closed
- S16 – Keep away from sources of ignition – No smoking
- S24 / S25 – Avoid contact with skin and eyes
- S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- US (Federal and State) Regulations and International Chemical Registration Laws TSCA listing
- This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory





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- This product does not contain any chemicals subject to EPA Title III of the SARA Listing in Sections 302 and 304
- All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substance (EINECS Listing) or are exempted from listing
- All ingredients in this product are listed on the Canada Domestic Substance List (DSL Listing)

## **SECTION 16. Other information**

### Disclaimer:

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.



PASSION. PARTNERSHIP. POSSIBILITIES.

## SAFETY DATA SHEET

### SECTION 1: PRODUCT IDENTIFICATION

**Product:** Sting Relief Pad

**Product Label Name:** Sting Relief Pad

**Company Name and Address:** Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779

**Emergency Telephone Number:** 631-656-3800

### SECTION 2: HAZARDOUS IDENTIFICATION

**Hazard Class/Category:** Flammable Liquid – 3  
Eye Irritation – 2B

**Hazard Symbol:**



**Signal Word:** Warning

**Hazard Statements:** Flammable liquid and vapor. (H226)  
Causes eye irritation. (H320)

**Precautionary statements:**

**General:** Keep out of reach of children. (P102)

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes.  
If eye irritation persists: Get medical advice/attention.  
(P305+P338) (P337+P313)

### SECTION 3: INFORMATION ON INGREDIENTS

Component Name	CAS #	Concentration	R Phrase
Isopropyl Alcohol	67-63-0	60%	R11
Benzocaine	94-09-7	6%	

**Chemical Formula:** NH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>COOC<sub>2</sub>H<sub>5</sub> / CH<sub>3</sub>CHOHCH<sub>3</sub>



PASSION. PARTNERSHIP. POSSIBILITIES.

## SAFETY DATA SHEET

### SECTION 4: FIRST-AID MEASURES

#### Emergency first aid procedures by route of exposure:

**Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**Ingestion:** Do not induce vomiting. If the material is swallowed have victim drink 1-3 glasses of water to dilute stomach contents. Seek medical attention or advice.

**Skin:** If irritation is experienced, discontinue use. If irritation persists, seek medical attention.

**Eyes:** Rinse eyes with cool water for 15 minutes holding the eye open. Seek medical attention if irritation persists

### SECTION 5: FIRE-FIGHTING MEASURES

**Flash Point:** 68.5°F, TOC Method

**Flammable Limits:** 750°F

**Extinguishing Media:** Use methods appropriate for the surrounding fire. Suggested: CO<sub>2</sub>, dry chemical powder, or alcohol resistant foam.

**Products of Combustion:** Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

**Fire Fighting Equipment/Instructions:** Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

**Environmental Precautions:** Prevent discharge to open waters.

**Method for Containment:** Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.

**Methods for Clean-Up:** Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.



PASSION. PARTNERSHIP. POSSIBILITIES.

## SAFETY DATA SHEET

### SECTION 7: HANDLING AND STORAGE

**Handling:** Keep away from heat, sparks and flame. Prevent contact with eyes. Use in well ventilated area.

**Storage:** Keep the container tightly closed and in a cool, well ventilated place.

### SECTION 8: EXPOSURE CONTROLS

**Isopropyl Alcohol (67-63-0)**

**ACGIH:** 200 ppm TWA

**OSHA:** 400 ppm TWA; 980 mg/m<sup>3</sup> TWA

**Engineering Controls:** Normal room ventilation is usually adequate under normal use.

**Personal Protective Equipment (PPE):**

**Eye/Face Protection:** None needed under normal use – Wear goggles is exposed to unusual amount and splashing

**Skin Protection:** None needed under normal use -- Wear overalls or apron if splashing is possible

**Respiratory Protection:** May be needed if vapor concentrations are high.

**General Hygiene Considerations:** None needed under normal use.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Individually sealed Sting Relief Packet. Packet may contain some free liquid.

**Appearance/Color:** White Non-Woven cloth saturated with clear solution

**Odor:** Alcohol

**PH:** Not Available.

**Vapor Pressure:** Unknown

**Flammability Properties** (see section 5)

**Solubility (in water):** Chemical Is Soluble, Pad Not Soluble

**Specific Gravity @ 25°C:** 0.8405

**Evaporation Rate:** Not Available

**Auto-ignition temperature:** Not Available

**Decomposition temperature:** Not Available

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal ambient temperatures 70°C (21°C)

**Condition to Avoid:** Avoid excessive heat or sources of ignition.

**Incompatible Materials:** This product reacts with strong acid, strong bases, and oxidizing agents.

**Hazardous Decomposition:** Unknown

**Hazardous Reactions:** Hazardous polymerization will not occur.



# SAFETY DATA SHEET

PASSION. PARTNERSHIP. POSSIBILITIES.

## SECTION 11: TOXICOLOGICAL INFORMATION

### ACUTE EFFECTS:

#### A: General Product information

Product contains isopropyl alcohol.

#### B: Acute Toxicity

Low order of acute toxicity is possible.

### CHRONIC EFFECTS: Component

**Isopropyl Alcohol (67-63-0)** -- This product is not expected to cause long term adverse effects

**Carcinogenicity:** Not Classifiable as a Human Carcinogen

**Reproductive:** This product is not expected to cause reproductive health effects

**Developmental:** This product is not expected to cause reproductive health effects.

**Target Organs:** When consumed, isopropyl alcohol can target the respiratory system, skin, eyes, CNS, liver, blood and reproductive system.

## SECTION 12: ECOLOGICAL INFORMATION

Mixtures of alcohols are toxic to aquatic life at moderate to low concentrations. No long-term ecological effects are likely. Concentrated solutions of alcohols and surfactants may cause damage to aquatic and terrestrial plants.

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with federal state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld near container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

## SECTION 14: TRANSPORTATION INFORMATION

**Note:** Individually sealed packet may contain some free liquid.

### DOT

**Proper Shipping Name**

**Hazard Class**

**Packing Group**

**Description**

**Emergency Response Guide Number**

### **(ORM-D Exemption)**

ISOPROPANOL

3

II

CONSUMER COMMODITY/ LTD QTY, ORM-D

127

### UN-No.

**Proper Shipping Name**

**Hazard Class**

**Packing Group**

**Description**

**Limited Quantity**

UN1219

ISOPROPANOL

3

II

UN1219, ISOPROPANOL, 3, II

1 Liter



# SAFETY DATA SHEET

PASSION. PARTNERSHIP. POSSIBILITIES.

### IATA

<b>UN-No.</b>	UN1219
<b>Proper Shipping Name</b>	ISOPROPANOL
<b>Hazard Class</b>	3
<b>Packing Group</b>	II
<b>Description</b>	UN1219, ISOPROPANOL, 3, II
<b>Marine Pollutant</b>	NO

### IMDG/IMO

<b>UN-No.</b>	UN1219
<b>Proper Shipping Name</b>	ISOPROPANOL
<b>Hazard Class</b>	3
<b>Packing Group</b>	II
<b>EMS No.</b>	F-E, S-D
<b>Description</b>	UN1219, ISOPROPANOL, 3, II, (23°C C.C.)
<b>Marine Pollutant</b>	NO

**DOT Ground ORM-D:** ORM-D Exemption:

ORM-D (Other Regulated Material – Domestic): Consumer Commodity, Limited Quantity.

“ORM-D, Consumer Commodity” label for domestic ground shipping in consumer packaging only. Suitable ORM-D labelling for air and vessel shipments requires additional labelling and Shipping Papers, in accordance with DOT CFR 172.

“Limited Quantity” marking required on each package for ground shipping of limited quantities (1 Liter or less) without Shipping Papers, as defined in DOT CFR 172.101.

## SECTION 15: REGULATORY INFORMATION

### DOT / USA

**Label Information:** Flammable Liquid

### WHMIS / CANADA

**Class: B2** Flammable Liquid

## SECTION 16: OTHER INFORMATION

<b>Issue Date:</b>	<b>03-26-2014</b>
<b>Revision Date:</b>	<b>07-01-2016</b>

### **Disclaimer:**

The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.



## 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](http://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:

**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 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixtures

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

} Trade Secret

*This formula is considered a trade secret and ingredient amounts are not on the SDS.*

### 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**





## SAFETY DATA SHEET

### 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:

Components	ACGIH-TLVs	OSHA-PELs	NIOSH	Form
Glycerin (CAS 57-55-8)	NE	5 mg/m3		Aerosol
Propylene Glycol (CAS 57-55-6)	10 mg/m3	NE	NE	Aerosol
Triethanolamine (CAS 102-71-6)	5 mg/m3	NE	NE	Aerosol

**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.

## SAFETY DATA SHEET

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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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

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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

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#### 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.

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**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.

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**SECTION 12: ECOLOGICAL INFORMATION**

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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



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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.

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### SECTION 13: DISPOSAL CONSIDERATIONS

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

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### SECTION 14: TRANSPORT INFORMATION

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

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### SECTION 15: REGULATORY INFORMATION

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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)

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**SAFETY DATA SHEET**

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**INTERNATIONAL REGULATIONS:**

<u>Country or Region</u>	<u>Inventory Name</u>	<u>Listed</u>
Australia	Australia Inventory of Chemical Substances	No
Canada	Domestic Substance List (DSL)	Yes
Canada	Non-Domestic Substance List (NDSL)	No
China:	Inventory of Existing Chemical Substances In China (IECSC)	Yes
Europe	European List of Notified 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)	No
United States & Puerto Rico	Toxic Substance Control Act (TSCA) Inventory	No

**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**

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**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 SHEET

### 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](http://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.



## SAFETY DATA SHEET

### 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

Chemical Name	Common Name and Synonyms	CAS Number	%
Bacitracin Zinc USP		1405-89-6	Proprietary
Neomycin Sulfate		1405-10-3	Proprietary
Polymixin B Sulfate		1405-20-5	Proprietary
Petrolatum		8009-03-8	Proprietary

Amounts withheld of composition, because they are a trade secret.

### 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



## SAFETY DATA SHEET

### 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:**

Components	ACGIH-TLVs	OSHA-PELs	NIOSH	Form
Petrolatum (CAS 8009-03-8)	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> TWA	Mist

**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.





## SAFETY DATA SHEET

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Ointment.
<b>Physical State:</b>	Ointment.
<b>Form:</b>	Ointment.
<b>Color:</b>	White to off white.
<b>Odor:</b>	Slightly fatty odor.
<b>pH:</b>	No information available.
<b>Boiling Point:</b>	>200°F closed cup
<b>Melting Point:</b>	No information available.
<b>Flash Point:</b>	N/A
<b>Explosive Properties:</b>	No information available.
<b>Oxidizing Properties:</b>	No information available.
<b>Specific Gravity:</b>	0.87
<b>Water Solubility:</b>	Insoluble.
<b>Partition Coefficient:</b>	No information available.
<b>Viscosity:</b>	No information available.
<b>Vapor Pressure (mm Hg):</b>	No information available.
<b>Vapor Density (Air=1):</b>	No information available.
<b>Evaporation Rate:</b>	No information available.
<b>% Volatile:</b>	No information available.

### SECTION 10: STABILITY AND REACTIVITY

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



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**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.

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### SECTION 12: ECOLOGICAL INFORMATION

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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.

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### SECTION 13: DISPOSAL CONSIDERATIONS

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**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:

<u>Country or Region</u>	<u>Inventory Name</u>	<u>Listed</u>
Australia	Australia Inventory of Chemical Substances	Yes
Canada	Domestic Substance List (DSL)	No
Canada	Non-Domestic Substance List (NDSL)	Yes
China:	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European List of Notified 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 Substance Control Act (TSCA) Inventory	No

**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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## SAFETY DATA SHEET

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### SECTION 16: OTHER INFORMATION

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**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 SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 08-Mar-2019

Revision date 02-Aug-2019

Revision Number 2

## 1. Identification

### Product identifier

**Product Name** Hand Sanitizer

### Other means of identification

**Product Code(s)** 910042.00.006

**Synonyms** Instant Hand Sanitizer Antiseptic Gel with Vitamin E & Aloe

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

**Recommended use** Hand sanitizer

**Restrictions on use** For external use only.

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

#### Manufacturer Address

WaterJel Technologies®  
50 Broad Street  
Carlstadt, NJ 07072  
P: 201-507-8300

#### Emergency telephone number

**Emergency Telephone** 800-275-3433 (8:00 am-5:00 pm EST Weekdays)

## 2. Hazard(s) identification

### Classification

Flammable liquids	Category 2
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### Label elements

#### **Danger**

#### **Hazard statements**

Highly flammable liquid and vapor



**Precautionary Statements - Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ ventilating/ lighting/ equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Wear protective gloves/eye protection/face protection

**Precautionary Statements - Response****Skin**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

**Fire**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

No information available.

**3. Composition/information on ingredients****Substance**

Not applicable.

**Mixture****Synonyms**

Instant Hand Sanitizer Antiseptic Gel with Vitamin E & Aloe.

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Ethyl alcohol	64-17-5	45-70	-	-

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. First-aid measures****Description of first aid measures****Inhalation**

Remove to fresh air.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

**Skin contact**

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

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<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Self-protection of the first aider</b>	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. See section 8 for more information.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	May cause skin irritation in susceptible persons. May cause redness and tearing of the eyes.
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**Indication of any immediate medical attention and special treatment needed**

<b>Note to physicians</b>	Treat symptomatically.
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**5. Fire-fighting measures**

<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	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.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	Yes.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. 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.
<b>Other information</b>	Ventilate the area.

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

<b>Methods for containment</b>	Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
<b>Methods for cleaning up</b>	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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 Conditions

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.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Ethyl alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	
Chemical name	Alberta	British Columbia	Ontario	Quebec
Ethyl alcohol 64-17-5	TWA: 1000 ppm TWA: 1880 mg/m <sup>3</sup>	STEL: 1000 ppm	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1880 mg/m <sup>3</sup>

### Appropriate engineering controls

#### Engineering controls

Showers  
Eyewash stations  
Ventilation systems.

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

#### Eye/face protection

Tight sealing safety goggles.

#### Hand protection

Wear suitable gloves. Impervious gloves.

#### Skin and body protection

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

#### 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.

#### General hygiene considerations

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.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Translucent liquid
<b>Physical state</b>	Liquid
<b>Color</b>	Clear to semi-clear
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	6.9 - 7.3	@ 25 °C
<b>Melting point / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	79.4 °C / 175 °F	
<b>Flash point</b>	22.2 °C 72 °F	CC (closed cup)
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	0.87 - 0.91	@25°C
<b>Water solubility</b>	Soluble in water	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known

### Other information

<b>Explosive properties</b>	No information available.
<b>Oxidizing properties</b>	No information available.
<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk density</b>	No information available

## 10. Stability and reactivity

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous decomposition products</b>	None known based on information supplied.

## 11. Toxicological information

**Information on likely routes of exposure**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. Vapors may be irritating to eyes, nose, throat, and lungs.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. May cause redness, itching, and pain.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. May cause gastrointestinal discomfort if consumed in large amounts.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	May cause skin irritation in susceptible persons. May cause redness and tearing of the eyes.
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**Acute toxicity****Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	10,844.90 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	191.60 mg/l

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl alcohol	= 7060 mg/kg ( Rat )		= 124.7 mg/L ( Rat ) 4 h

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

<b>Skin corrosion/irritation</b>	May cause mild to moderate irritation.
<b>Serious eye damage/eye irritation</b>	May cause mild to moderate irritation.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

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

Chemical name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol 64-17-5	A3	Group 1	Known	X

**Legend**

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Target organ effects</b>	Liver, Respiratory system, Eyes, Skin, Central nervous system, blood, Reproductive System.
<b>Aspiration hazard</b>	No information available.

## 12. Ecological information

### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethyl alcohol 64-17-5	-	LC50: 12.0 - 16.0mg/L (96h, Oncorhynchus mykiss) LC50: >100mg/L (96h, Pimephales promelas) LC50: 13400 - 15100mg/L (96h, Pimephales promelas)	-	LC50: 9268 - 14221mg/L (48h, Daphnia magna) EC50: =2mg/L (48h, Daphnia magna) EC50: =10800mg/L (24h, Daphnia magna)

**Persistence and degradability** No information available.

**Bioaccumulation** There is no data for this product.

### Component Information

Chemical name	Partition coefficient
Ethyl alcohol 64-17-5	-0.32

**Mobility in soil** No information available.

**Mobility** No information available.

**Other adverse effects** No information available.

## 13. Disposal considerations

### Waste treatment methods

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

**US EPA Waste Number** D001.

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

Chemical name	California Hazardous Waste Status

Ethyl alcohol 64-17-5	Toxic Ignitable
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## 14. Transport information

DOT Not regulated

## 15. Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

<b>TSCA</b>	Contact supplier for inventory compliance status.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>IECSC</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

#### **Legend:**

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

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

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

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### US Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which 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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as 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 regulated as hazardous substances 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**

Ethyl alcohol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

**U.S. State Right-to-Know Regulations****US State Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethyl alcohol 64-17-5	X	X	X
Propane-1,2-diol 57-55-6	X	-	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. Other information**

<b><u>NFPA</u></b>	Health hazards 1	Flammability 3	Instability 0	Physical and chemical properties - Personal protection X
<b><u>HMIS</u></b>	Health hazards 2	Flammability 3	Physical hazards 0	

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Key literature references and sources for data used to compile the SDS**

U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGl(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

**Issuing Date** 08-Mar-2019

**Revision date** 02-Aug-2019

**Revision Note** Initial Release.

**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**