



Telephone: (845) 365-8200 • Website: www.dynarex.com  
 Toll Free: (888) DYNAREX • Website: www.thcnet.com  
 Fax: (845) 365-8201

Reorder #'s 1180 thru 1185

Reviewed on 1/7/15

## Safety Data Sheet

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product/Trade Name: Triple Antibiotic Ointment.  
 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  
 No.: At other times, contact the local Poison Control Center

### SECTION 2: HAZARD(S) IDENTIFICATION

Appearance: Off white smooth ointment

Component Name	CAS#/Codes	Concentration	Risk Phrases	Safety Phrases
White Petrolatum	8009-03-08	>60%	R11, R36	S2, S16, S25, S26
Light Liquid Paraffin	8042-47-5	>10%		
Bacitracin Zinc	1405-89-6	<10%		
Polymyxin b	1404-26-8	<10%		
Neomycin Sulfate	1405-10-3	<10%		

**Label Elements:** The product does not need to be labeled in accordance with EU directives

**Statement of Hazard:** Non-hazardous in accordance with international standards for workplace safety

**EU Indication of danger:** Not classified dangerous as per EU directive

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS:

**Composition:** Each gm contains  
 Bacitracin Zinc BP 400 units  
 Neomycin Sulphate BP 5 mg  
 equivalent to 3.5 m  
 Polymyxin B Sulphate USP 5000 units



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Name of Compound	CAS No	EINEC No	Hazard Symbol
Bacitracin Zinc	1405-89-6	215-787-8	None
Neomycin Sulphate	1405-10-3	215-773-1	None
Polymyxin Sulfate	1405-20-5	215-774-7	None

**SECTION 4: FIRST-AID MEASURES**

Eye Contact: Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately  
 Skin Contact: Remove contaminated clothing. Flush area with large amount of water. Use soap. Seek medical attention immediately  
 Ingestion: Wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek medical attention immediately  
 Inhalation: Move to fresh air and keep patient at rest. Seek medical attention immediately

**SECTION 5: FIRE-FIGHTING MEASURES**

Extinguishing Media: Use Carbon dioxide, dry chemical or water spray  
 Fire Fighting Procedures: During all firefighting activities wear appropriate protective equipment, including self-contained breathing apparatus  
 Fire/explosion Hazards: Fine particles (Such as dust & mists) may fuel fires/explosions

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Use proper personal protective equipments  
 Sweep up or absorb material then place into a suitable, clean, dry, closed container for disposal

**SECTION 7: HANDLING AND STORAGE**

Wash thoroughly after handling. Keep tube tightly closed. Avoid contact with skin and eyes.  
 Storage: Store at a temperature below 25°C

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

Exposure Controls: No data available  
 Engineering Controls: Special precautions are not necessary. General room ventilation is means to control exposures. Keep airborne contamination level below exposure limits  
 Personal Protective Equipments:  
 Eyes-Wear appropriate protective eyeglasses or chemical safety goggles



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Clothing- Wear appropriate protective clothing to minimize contact with skin  
Respirators- Use approved respirator if exposure limit is exceeded or if irritation or other symptoms are experienced

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off White colored smooth ointment

Odor: Odorless

Molecular Formula: Mixture

Molecular Weight: Mixture

pH: 5.0 to 7.0

Viscosity: 300 to 800 cp

## SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use

Conditions to avoid: High Temperatures

INCOMPATIBLE Materials: Not Available

Hazardous decomposition products: No data available

Hazardous Polymerization: Has not been reported

## SECTION 11: TOXICOLOGICAL INFORMATION

Chronic Potential Health Effects: Allergic reactions are possible.

Germ Cell Mutagenicity: Not Available

Carcinogenicity: Not Available

Reproductive toxicity: Not Available

Specific Target Organ Toxicity: Not Available

## SECTION 12: ECOLOGICAL INFORMATION

Ecological Toxicity: No data available

Mobility in Soil: No data available

Other adverse effects: No data available



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## SECTION 13: DISPOSAL CONSIDERATION

Dispose of waste in accordance with all applicable laws & regulation

## SECTION 14: TRANSPORT INFORMATION

Shipping Name: Not Available

UN Number: Not Available

Hazard Class: Not Available

Packing Group: Not Available

## SECTION 15: REGULATORY INFORMATION

This Safety Data Sheet complies as per the regulation of EC Directives

## 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.



## Safety Data Sheet

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Issue Date: 07/30/14

### SECTION 1: Identification

#### 1.1. Product identifier

COOL™ Instant Cold Pack Urea INST56U, INST57U, INST68U

#### Product Identification Numbers

INST5624U, INST5680U, INST5650BXU, INST5716U, INST5724U, INST5748U, INST6816U, INST6824U

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Instant cold pack for First Aid & Therapy

#### 1.3. Supplier's details:

**MANUFACTURER:** Nortech Labs Inc  
**ADDRESS:** 125 Sherwood Ave, Farmingdale NY 11735  
**TELEPHONE:** 888-COLD-PAK (265-3725)

#### 1.4. Emergency telephone number

CHEMTREC – (800) 424-9300

### SECTION 2: Hazard identification

#### 2.1. Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### 2.2. Label elements

##### Signal word

Not applicable.

##### Symbols

Not applicable.

##### Pictograms

Not applicable.

#### 2.3. Hazards not otherwise classified

None.

### SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
UREA	57-13-6	42 - 52
WATER	7732-18-5	40 - 50
OUTER FILM	None	5 - 10
INNER FILM	None	1 - 3

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### Inhalation:

No need for first aid is anticipated.

##### Skin Contact:

Wash with soap and water. If signs/symptoms develop, get medical attention.

##### Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

##### If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

#### 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

#### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

#### Hazardous Decomposition or By-Products

##### Substance

Carbon monoxide

Carbon dioxide

##### Condition

During Combustion

During Combustion

#### 5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air.

**6.2. Environmental precautions**

Avoid release to the environment.

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

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

<b>SECTION 7: Handling and storage</b>
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**7.1. Precautions for safe handling**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

**7.2. Conditions for safe storage including any incompatibilities**

No special storage requirements. If possible, store in a cool dry place

<b>SECTION 8: Exposure controls/personal protection</b>
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**8.1. Control parameters****Occupational exposure limits**

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
UREA	57-13-6	AIHA	TWA(as total particulates):10 mg/m3	

ACGIH : American Conference of Governmental Industrial Hygienists AIHA :

American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration TWA:

Time-Weighted-Average

STEL: Short Term Exposure Limit CEIL:

Ceiling

**8.2. Exposure controls****8.2.1. Engineering controls**

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

**8.2.2. Personal protective equipment (PPE)****Eye/face protection**

None required.

**Skin/hand protection**

No chemical protective gloves are required.

**Respiratory protection**

None required.

<b>SECTION 9: Physical and chemical properties</b>
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**9.1. Information on basic physical and chemical properties**

<b>General Physical Form:</b>	Liquid
<b>Odor, Color, Grade:</b>	White liquid with hazy color
<b>Odor threshold</b>	<i>No Data Available</i>
<b>pH</b>	7
<b>Boiling Point</b>	212 °F
<b>Flash Point</b>	No flash point
<b>Evaporation rate</b>	<i>No Data Available</i>
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Flammable Limits(LEL)</b>	<i>Not Applicable</i>
<b>Flammable Limits(UEL)</b>	<i>Not Applicable</i>
<b>Vapor Pressure</b>	760 mmHg
<b>Density</b>	<i>No Data Available</i>
<b>Specific Gravity</b>	1.33
<b>Solubility in Water</b>	Complete
<b>Solubility- non-water</b>	<i>No Data Available</i>
<b>Partition coefficient: n-octanol/ water</b>	<i>No Data Available</i>
<b>Autoignition temperature</b>	<i>No Data Available</i>
<b>Decomposition temperature</b>	<i>No Data Available</i>
<b>Viscosity</b>	<i>No Data Available</i>

<b>SECTION 10: Stability and reactivity</b>
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**10.1. Reactivity**

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

**10.2. Chemical stability**

Stable.

**10.3. Possibility of hazardous reactions**

Hazardous polymerization will not occur.

**10.4. Conditions to avoid**

Sparks and/or flames

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products****Substance**

None known.

**Condition**

Refer to section 5.2 for hazardous decomposition products during combustion.



## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation:

No health effects are expected.

#### Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

#### Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

#### Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

#### Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE > 5,000 mg/kg

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

Name	Species	Value

#### Serious Eye Damage/Irritation

Name	Species	Value

#### Skin Sensitization

Name	Species	Value

#### Respiratory Sensitization

Name	Species	Value

#### Germ Cell Mutagenicity

Name	Route	Value

#### Carcinogenicity

Name	Route	Species	Value

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test Result	Exposure Duration

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration

**Aspiration Hazard**

Name	Value

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

**SECTION 12: Ecological information**

**Eco toxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

**Chemical fate information**

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

**SECTION 13: Disposal considerations**

**13.1. Disposal methods**

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

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

**EPA Hazardous Waste Number (RCRA):** Not regulated

**SECTION 14: Transport Information**

For Transport Information, please call 888-COL-PAK (265-3725)

**SECTION 15: Regulatory information****15.1. US Federal Regulations**

Contact Nortech Labs Inc for more information.

**311/312 Hazard Categories:**

Fire Hazard - No    Pressure Hazard - No    Reactivity Hazard - No    Immediate Hazard - No    Delayed Hazard - No

**15.2. State Regulations**

Contact Nortech Labs Inc for more information.

**15.3. Chemical Inventories**

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact Nortech Labs Inc for more information.

**15.4. International Regulations**

Contact Nortech Labs Inc for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**SECTION 16: Other information****NFPA Hazard Classification**

Health: 1 Flammability: 1 Instability: 1 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Instant Hand Sanitizer  
Unscented Scent®

**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

Chemical name	Common name and synonyms	CAS number	%
Ethanol	Alcohol Ethyl Alcohol	64-17-5	67.5

Chemical name	Common name and synonyms	CAS number	%
Triethanolamine	2,2',2"-Nitrilotriethanol Tris(2-hydroxyethyl)amine	102-71-6	< 0.30

#### 4. First-aid measures

<b>Inhalation</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist.
<b>Skin contact</b>	Wash off with warm water and soap. Get medical attention if symptoms occur.
<b>Eye contact</b>	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.
<b>Ingestion</b>	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.
<b>Most important symptoms/effects, acute and delayed</b>	Causes serious eye irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause drowsiness or dizziness.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Dry chemicals. Foam. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	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.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Cool containers exposed to heat with water spray and remove container, if no risk is involved.
<b>General fire hazards</b>	Flammable liquid and vapor.
<b>Hazardous combustion products</b>	Carbon oxides.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
<b>Methods and materials for containment and cleaning up</b>	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.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

#### 7. Handling and storage

<b>Precautions for safe handling</b>	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.
<b>Conditions for safe storage, including any incompatibilities</b>	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)

Components	Type	Value
Ethanol (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Triethanolamine (CAS 102-71-6)	TWA	5 mg/m3

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

Components	Type	Value
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3 1000 ppm

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

**Appropriate engineering controls** Explosion-proof general and local exhaust ventilation.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

#### Skin protection

**Hand protection** Chemical resistant gloves recommended.

#### Other

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

#### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Contact health and safety professional or manufacturer for specific information.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

#### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

<b>Appearance</b>	Gel.
<b>Physical state</b>	Liquid.
<b>Form</b>	Gel.
<b>Color</b>	Colorless.
<b>Odor</b>	Mild alcohol odor.
<b>Odor threshold</b>	Not available.
<b>pH</b>	6.3 - 8.1
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	81.0 °F (27.2 °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>	3.3 %
<b>Flammability limit - upper (%)</b>	19 %
<b>Explosive limit - lower (%)</b>	Not available.

Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Complete.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	0.93

## 10. Stability and reactivity

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

## 11. Toxicological information

### Information on likely routes of exposure

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

### Information on toxicological effects

Acute toxicity	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
----------------	---

Components	Species	Test Results
Ethanol (CAS 64-17-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 15800 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 32380 ppm, 4 hours (vapor) > 61 mg/l, 4 hours (vapor)
<i>Oral</i>		
LD50	Rat	7060 mg/kg
Triethanolamine (CAS 102-71-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 19870 mg/kg
<i>Inhalation</i>		
LC50	Rat	No data in literature

Components	Species	Test Results
<i>Oral</i> LD50	Rat	6110 mg/kg
<b>Skin corrosion/irritation</b>	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye 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.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Triethanolamine (CAS 102-71-6)	3 Not classifiable as to carcinogenicity to humans.	
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>		
Not listed.		
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive effects.	
<b>Specific target organ toxicity - single exposure</b>	May cause drowsiness or dizziness.	
<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

**Ecotoxicity** The product is not classified as environmentally hazardous.

Components	Species	Test Results
Ethanol (CAS 64-17-5)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC50	Green algae (Selenastrum capricornutum) 1000 mg/l, 96 hours
Crustacea	EC50	Water flea (Daphnia magna) 5012 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours
Triethanolamine (CAS 102-71-6)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC50	Green algae (Desmodesmus subspicatus) 512 mg/l, 72 hours
Crustacea	EC50	Water flea (Ceriodaphnia affinis) 609.88 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 11800 mg/l, 96 hours
<i>Chronic</i>		
Crustacea	NOEC	Water flea (Daphnia magna) 16 mg/l, 21 days
<b>Persistence and degradability</b>	Not available.	
<b>Bioaccumulative potential</b>	Not available.	
<b>Partition coefficient n-octanol / water (log Kow)</b>		
Ethanol	-0.31	
Triethanolamine	-1	
<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

**Disposal instructions** 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

<b>UN number</b>	UN1170
<b>UN proper shipping name</b>	Ethanol solution (Ethanol RQ = 147 LBS)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	III
<b>Special precautions for user</b>	Not available.
<b>Special provisions</b>	24, B1, IB3, T2, TP1
<b>Packaging exceptions</b>	4b, 150
<b>Packaging non bulk</b>	203
<b>Packaging bulk</b>	242

### IATA

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

### IMDG

<b>UN number</b>	UN1170
<b>UN proper shipping name</b>	Ethanol Solution (Ethanol)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EmS</b>	F-E, S-D
<b>Special precautions for user</b>	Not available.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	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)  
Triethanolamine (CAS 102-71-6)

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

Ethanol (CAS 64-17-5)  
Triethanolamine (CAS 102-71-6)

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

Ethanol (CAS 64-17-5)  
Triethanolamine (CAS 102-71-6)

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

Ethanol (CAS 64-17-5) Listed: April 29, 2011  
Listed: July 1, 1988

**US - California Proposition 65 - CRT: Listed date/Developmental toxin**

Ethanol (CAS 64-17-5) Listed: October 1, 1987

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
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)	No
New Zealand	New Zealand Inventory	Yes
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** 01-30-2015  
**Version #** 01  
**Disclaimer** Prepared by: ICC The Compliance Center Inc. 1-888-442-9628  
<http://www.thecompliancecenter.com>

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

**Bibliography**

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices (2014)  
Canadian Centre for Occupational Health and Safety, 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.

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Safetec® First Aid Cream  
**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	%
Lidocaine	137-58-6	<del>6108-05-0</del>	0.5
Benzalkonium Chloride	8001-54-5	<del>63419-41-2</del>	0.13
Ethanol	Alcohol Ethyl Alcohol	64-17-5	Proprietary
Mineral Oil	Light mineral oil Mineral oil	8042-47-5	Proprietary
Petrolatum USP		8009-03-8	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.

Material name: Safetec® First Aid Cream

2114 Version #: 01 Issue date: 02-23-2015

SDS US

1 / 7

<b>Eye contact</b>	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.
<b>Ingestion</b>	Seek medical advice.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.

## 5. Fire-fighting measures

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

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
<b>Methods and materials for containment and cleaning up</b>	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.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

<b>Precautions for safe handling</b>	When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Use only with adequate ventilation. Wash thoroughly after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	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
Ethanol (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm	
Mineral Oil (CAS 8042-47-5)	PEL	5 mg/m3	Mist.
Petrolatum USP (CAS 8009-03-8)	PEL	5 mg/m3	Mist.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Mineral Oil (CAS 8042-47-5)	TWA	5 mg/m3	Inhalable fraction.

**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
Ethanol (CAS 64-17-5)	TWA	1900 mg/m <sup>3</sup> 1000 ppm	
Mineral Oil (CAS 8042-47-5)	STEL	10 mg/m <sup>3</sup>	Mist.
Petrolatum USP (CAS 8009-03-8)	TWA	5 mg/m <sup>3</sup>	Mist.
	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Ensure adequate ventilation, especially in confined areas.
<b>Individual protection measures, such as personal protective equipment</b>	
<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>	Cream.
<b>Physical state</b>	Liquid.
<b>Form</b>	Cream.
<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>	140 °F (60 °C)
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<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.

Relative density	Not available.
Solubility(ies)	
Solubility (water)	Miscible.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	0.99

## 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	High temperatures.
Incompatible materials	Strong oxidizing agents. Acids.
Hazardous decomposition products	Carbon oxides. Nitrogen oxides (NO <sub>x</sub> ). Halogenated compounds.

## 11. Toxicological information

### Information on likely routes of exposure

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

### Most important symptoms/effects, acute and delayed

Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

Acute toxicity No adverse effects are expected.

Components	Species	Test Results
Ethanol (CAS 64-17-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 15800 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 32380 ppm, 4 hours (vapor) > 61 mg/l, 4 hours (vapor)
<i>Oral</i>		
LD50	Rat	7060 mg/kg
Mineral Oil (CAS 8042-47-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5 mg/l, 4 hours
<i>Oral</i>		
LD50	Rat	> 5000 mg/l
<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.	

## Respiratory or skin sensitization

<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.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Mineral Oil (CAS 8042-47-5) 3 Not classifiable as to carcinogenicity to humans.

### 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

**Ecotoxicity** Not expected to be harmful to aquatic organisms.

Components		Species	Test Results
Ethanol (CAS 64-17-5)			
<b>Aquatic</b>			
<i>Acute</i>			
Algae	EC50	Green algae (Selenastrum capricornutum)	1000 mg/l, 96 hours
Crustacea	EC50	Water flea (Daphnia magna)	5012 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours
Mineral Oil (CAS 8042-47-5)			
<b>Aquatic</b>			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	> 100 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	> 1000 mg/l, 96 hours

**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

<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)

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 - 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

Ethanol (CAS 64-17-5)  
Mineral Oil (CAS 8042-47-5)  
Petrolatum USP (CAS 8009-03-8)

#### 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)  
Mineral Oil (CAS 8042-47-5)  
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/Carcinogenic substance

Ethanol (CAS 64-17-5)

Listed: April 29, 2011

Listed: July 1, 1988

#### US - California Proposition 65 - CRT: Listed date/Developmental toxin

Ethanol (CAS 64-17-5)

Listed: October 1, 1987

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	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 02-23-2015

Version # 01

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

#### Disclaimer

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#### Revision Information

Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
Transport Information: Material Transportation Information

#### Bibliography

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices (2014)  
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.

## Salinaax Saline Solution

**SAFETY DATA SHEET**

Section 1 - Identification of the Material and Supplier		
Product Name:	Eye Wash - Normal Saline Solution.	
Product Code/s:	Various	
Use:	A fluid used for eye and wound irrigation.	
Company:	Aaxis Pacific	
Address:	7A Bessemer St, Blacktown. NSW 2148, Australia	
Telephone:	(02) 9881-3333	
Fax:	(02) 9881-3322	
Section 2 - Hazards Identification		
Hazard Classification	No hazardous product as specified in Directive 93/42/EEC, 67/548/EEC.	
Eye Contact	Product is intended for use in ocular area.	
Skin Contact	Product has no effect.	
Inhalation	Product has no effect.	
Section 3 - Composition/Information on Ingredients		
Chemical Name	CAS No.	Proportion
Sodium Chloride	7647-14-5	1-0.1%
Potassium Dihydrogen Phosphate	7778-77-0	1-0.01%
Sodium Hydroxide	1310-73-2	1-0.1%
Purified Water	7732-18-5	100QS
Section 4 - First Aid Measures		
Emergency First Aid Procedure	Seek medical assistance for further treatment, observation and support as necessary.	
Eye Contact	None required.	
Skin Contact	None required.	
Inhalation	None required.	
Ingestion	Call a physician, if stomach discomfort occurs.	
Section 5 - Fire Fighting Measures		
Hazard from Combustion Products	None.	
Suitable Extinguishing Media	Carbon Dioxide, Water, Foam.	
Fire Fighting Procedures	None.	
Section 6 - Accidental Release Measures		
Steps to be taken if material is spilled or released	Mop up or flush down sanitary sewer.	
Procedures for cleaning	Clean up affected area.	
Section 7 - Handling and Storage		
Precautions to be taken in handling and storage	Keep at room temperature (15-30°C). Read label before use	
Other precautions/special hazards	Keep from freezing, read label or instructions before use.	
HMIS Rating	Not applicable.	
NFPA Rating	Not applicable.	

## Salinaax Saline Solution

Section 8 - Exposure Controls/Personal Protection	
Respiratory protection	None required.
Protection Gloves	None required.
Eye Protection	None required.
Ventilation to be used	N/A
Other protective clothing and equipment	None required.
Hygienic Work Practices	Keep container closed when not in use. Always read label or instructions before use.
Section 9 - Physical and Chemical Properties	
Physical State	Liquid
Boiling Point	100°C
Vapour Pressure (mm Hg)	N/A
Vapour Density (Air =1)	Unknown
Solubility in Water	Good
Appearance and Odour	Clear, Colourless liquid, Odourless.
Specific Gravity (H <sub>2</sub> O = 1)	≥ 1
Melting Point	N/A
Evaporation Rate (Water =1)	≥ 1
Water Reactive	None
Percent Volatile	≥ 1
pH	7.0-7.4
Section 10 - Stability and Reactivity	
Stability	Stable
Incompatibility (Materials to avoid)	Not applicable.
Hazardous Decomposition Products	Not applicable.
Hazardous Polymerization	Not applicable.
Conditions to avoid	None established.
Section 11 - Toxicological Information	
Acute Effects	None established.
Swallowed	Call a physician, if stomach discomfort occurs.
Eye	Not applicable.
Skin	Not applicable.
Inhaled	Not applicable.
Chronic Effects	None established.
Section 12 - Ecological Information	
Biological Degradation	Not applicable.
Behavior in Environmental Compartments	No bioaccumulation is to be expected.
Farther Ecologic data	No ecological problems are to be expected when the product is handled and used with due care and attention.
Section 13 - Disposal Considerations	
Method of Disposal	In accordance with Municipal, Provincial and Federal Regulations

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## Salinaax Saline Solution

### Section 14 - Transport Information

Product not subject to transport regulations

### Section 15 - Regulatory Information

Product complies with Annex II of Directive 93/42/EEC

### Section 16 - Other Information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent guarantee of the properties of the product.

This SDS is reviewed every five years.

Rev 01 – No changes.





## SAFETY DATA SHEET

### SECTION 1: PRODUCT IDENTIFICATION

**PRODUCT:** BZK Prep Pads and Towelette

**Product Label Name:** BZK Prep Pads and Towelette

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

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

**Recommended use:** First Aid Antiseptic.

### SECTION 2: HAZARDOUS IDENTIFICATION

**Emergency overview** Contact with liquid may cause eye and skin irritation.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

**Eyes** May cause irritation.

**Skin** In case of skin irritation, discontinue use of the product.

**Inhalation** Not a normal route of exposure. May cause respiratory tract irritation.

**Ingestion** Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

**Target organs:** Eyes. Skin.

**Chronic effects** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Signs and symptoms** Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

### SECTION 3: INFORMATION ON INGREDIENTS

Ingredient list	Cas #	%
Benzalkonium Chloride	8001-54-5	0.133%
Sodium bicarbonate	144-55-8	0.05%
Purified Water	7732-18-5	QS to 100



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## SAFETY DATA SHEET

### SECTION 4: FIRST-AID MEASURES

#### First aid procedures

##### Eye contact

Flush with cool water. Remove contact lenses, if applicable, and continue flushing.

Obtain medical attention if irritation persists.

**Skin contact** In case of skin irritation, discontinue use of product.

**Inhalation** Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Ingestion** Not a normal route of exposure. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

**Notes to physician** Symptoms may be delayed.

**General advice** If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children. Avoid contact with eyes.

### SECTION 5: FIRE-FIGHTING MEASURES

**Flammable properties** Not flammable by OSHA criteria

#### Extinguishing media

**Suitable extinguishing media** Treat for surrounding material.

**Unsuitable extinguishing media** Not available

#### Protection of firefighters

##### Specific hazards arising from the chemical

Not available

##### Protective equipment for firefighters

Firefighters should wear full protective clothing including self contained breathing apparatus.

**Hazardous combustion products** May include and are not limited to: Oxides of carbon. Hydrogen chloride.

#### Explosion data

##### Sensitivity to mechanical impact

Not available

**Sensitivity to static discharge** Not available

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions** Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

**Methods for containment** Prevent entry into waterways, sewers, basements or confined areas.

**Methods for cleaning up** Pick up and discard towel.

### SECTION 7: HANDLING AND STORAGE

**Handling** Use good industrial hygiene practices in handling this material.

**Storage** Keep out of reach of children. Store in a closed container away from incompatible materials.



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## SAFETY DATA SHEET

### SECTION 8: EXPOSURE CONTROLS

**Engineering controls** General ventilation normally adequate.

**Personal protective equipment**

**Eye / face protection** Follow standard industrial hygiene practices.

**Hand protection** Not required.

**Skin and body protection** As required by employer code.

**Respiratory protection** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Liquid saturated on wipe

**Color** clear liquid

**Form** Liquid saturated on wipe.

**Odor** Characteristic

**Odor threshold** Not available

**Physical state** Solid

**pH** Not available

**Melting point** Not available

**Freezing point** Not available

**Boiling point** 101.11 °C (214 °F)

**Flash point** Not available

**Evaporation rate** Not available

**Flammability limits in air, lower, % by volume** Not available

**Flammability limits in air, upper, % by volume** Not applicable

**Vapor pressure** Not available

**Vapor density** Not available

**Specific gravity** Not available

**Octanol/water coefficient** Not available

**Solubility (H<sub>2</sub>O)** Not available

**Auto-ignition temperature** Not available

**VOC (Weight %)** Not available

**Viscosity** Not available

**Percent volatile** Not available

### SECTION 10: STABILITY AND REACTIVITY

**Chemical stability** Stable under recommended storage conditions.

**Conditions to avoid** Do not mix with other chemicals.

**Incompatible materials** Caustics. Acids. Oxidizers.

**Hazardous decomposition products** May include and are not limited to: Oxides of carbon. Hydrogen chloride.

**Possibility of hazardous reactions** Hazardous polymerization does not occur.





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## SAFETY DATA SHEET

### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **Effects of acute exposure**

**Eye** May cause irritation.

**Skin** In case of skin irritation, discontinue use of the product.

**Inhalation** Not a normal route of exposure. May cause respiratory tract irritation.

**Ingestion** Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

**Sensitization** Non-hazardous by WHMIS/OSHA criteria.

**Chronic effects** Non-hazardous by WHMIS/OSHA criteria.

**Carcinogenicity** Non-hazardous by WHMIS/OSHA criteria.

**Mutagenicity** Non-hazardous by WHMIS/OSHA criteria.

**Reproductive effects** Non-hazardous by WHMIS/OSHA criteria.

**Teratogenicity** Non-hazardous by WHMIS/OSHA criteria.

### **SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity** Not available

**Environmental effects** Not available

**Aquatic toxicity** Not available

**Persistence / degradability** Not available

**Bioaccumulation / accumulation** Not available

**Partition coefficient** Not available

**Mobility in environmental media** Not available

**Chemical fate information** Not available

**Other adverse effects** Not available

### **SECTION 13: DISPOSABLE INFORMATION**

**Waste codes** Not available

**Disposal instructions** Discard after single use.

Review federal, state/provincial, and local government requirements prior to disposal.

Discard with solid waste. Dispose in accordance with all applicable regulations.

**Waste from residues / unused products** Not available

**Contaminated packaging** Not available

### **SECTION 14: TRANSPORTATION INFORMATION**

U.S. Department of Transportation (DOT) Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada) Not regulated as dangerous goods.

### **SECTION 15: REGULATORY INFORMATION**

**US Federal regulations** 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.

**Canadian federal regulations:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

#### **Occupational Safety and Health Administration (OSHA)**

29 CFR 1910.1200 hazardous No chemical



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## SAFETY DATA SHEET

### **SECTION 16: OTHER INFORMATION**

**Issue Date:** 6-18-14

**Revision Date:** 4-1-15

**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

## 1. Identification

**Product identifier** Safetec® Burn Gel  
**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	%
Lidocaine		137-58-6	2
Menthol		2216-51-5	Proprietary
Propylene Glycol	Propane-1,2-diol 2-Hydroxypropanol	57-55-6	Proprietary
Triethanolamine	2,2',2"-Nitrilotriethanol Tris(2-hydroxyethyl)amine	102-71-6	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** Water. Water Spray or Fog. Dry chemicals. Foam. Carbon dioxide (CO2).  
**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.  
**Specific hazards arising from the chemical** 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. 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. ACGIH Threshold Limit Values Components

Components	Type	Value
Triethanolamine (CAS 102-71-6)	TWA	5 mg/m3

#### US. Workplace Environmental Exposure Level (WEEL) Guides Components

Components	Type	Value	Form
Propylene Glycol (CAS 57-55-6)	TWA	10 mg/m3	Aerosol.

**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>	Gel.
<b>Physical state</b>	Liquid.
<b>Form</b>	Gel.
<b>Color</b>	White
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	6.5 (Approximately.)
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	183.6 °F (84.2 °C)
<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>	Complete.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Specific gravity</b>	1

**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.

**Conditions to avoid** Keep away from heat, sparks and open flame. High temperatures.  
**Incompatible materials** Strong oxidizing agents. Acids.  
**Hazardous decomposition products** Carbon oxides. Nitrogen oxides (NOx). Halogenated compounds.

## 11. Toxicological information

### Information on likely routes of exposure

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

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

### Information on toxicological effects

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

Components	Species	Test Results
Propylene Glycol (CAS 57-55-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	20800 mg/kg
<i>Inhalation</i>		
LC50	Rat	No data in literature
<i>Oral</i>		
LD50	Rat	21800 mg/kg
Triethanolamine (CAS 102-71-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 19870 mg/kg
<i>Inhalation</i>		
LC50	Rat	No data in literature
<i>Oral</i>		
LD50	Rat	6110 mg/kg

**Skin corrosion/irritation** This product is not classified as a skin corrosive or irritant.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary 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.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Triethanolamine (CAS 102-71-6) 3 Not classifiable as to carcinogenicity to humans.

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

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive effects.

**Specific target organ toxicity - single exposure** Not classified as a specific target organ toxicity -single exposure.

**Specific target organ toxicity - repeated exposure** Not classified as a specific target organ toxicity -repeated exposure.

**Aspiration toxicity** Not expected to be an aspiration hazard.

## 12. Ecological information

**Ecotoxicity** Not expected to be harmful to aquatic organisms.

Components		Species	Test Results
Propylene Glycol (CAS 57-55-6)			
<b>Aquatic</b>			
<i>Acute</i>			
Algae	EC50	Green algae (Selenastrum capricornutum)	19000 mg/l, 96 hours
Crustacea	EC50	Water flea (Daphnia magna)	43500 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	46500 mg/l, 96 hours
Triethanolamine (CAS 102-71-6)			
<b>Aquatic</b>			
<i>Acute</i>			
Algae	EC50	Green algae (Desmodesmus subspicatus)	512 mg/l, 72 hours
Crustacea	EC50	Water flea (Ceriodaphnia affinis)	609.88 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	11800 mg/l, 96 hours
<i>Chronic</i>			
Crustacea	NOEC	Water flea (Daphnia magna)	16 mg/l, 21 days
<b>Persistence and degradability</b>	Not available.		
<b>Bioaccumulative potential</b>	Not available.		
<b>Partition coefficient n-octanol / water (log Kow)</b>			
Propylene Glycol	-1.41 - -0.3		
Triethanolamine	-1		
<b>Bioconcentration factor (BCF)</b>			
Propylene Glycol	1.4		
<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 - 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**

Triethanolamine (CAS 102-71-6)

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

Propylene Glycol (CAS 57-55-6)

Triethanolamine (CAS 102-71-6)

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

Propylene Glycol (CAS 57-55-6)

Triethanolamine (CAS 102-71-6)

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

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

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No



Country(s) or region	Inventory name	On inventory (yes/no)*
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	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** 02-23-2015

**Version #** 01

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

### Disclaimer

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

### Revision Information

Composition / Information on Ingredients: Ingredients  
 Physical & Chemical Properties: Multiple Properties  
 Transport Information: Material Transportation Information  
 Regulatory Information: United States

### Bibliography

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