

Antiseptic

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SAFETY DATA SHEET**SECTION 1. IDENTIFICATION**

Product identifier used on the label

: **Antiseptic**

Product Code(s) : Premoistened towelette

Recommended use of the chemical and restrictions on use

: Personal Care Applications
Restriction on use: None known

Chemical family : Mixture.

Name, address, and telephone number
of the supplier:**Safetec of America, Inc.**887 Kensington Avenue
Buffalo, NY, USA
14215

Supplier's Telephone # : 716-895-1822

24 Hr. Emergency Tel # : 1-800-255-3924Name, address, and telephone number of
the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Towelette / pad saturated with clear, colourless liquid. Mild alcohol odor.

This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply.

Label elements

Signal Word

Not required

Hazard statement(s)

Not required

Precautionary statement(s)

Not required

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Ethanol	Ethyl alcohol Ethyl hydrate	64-17-5	60.0 - 70.0
Triethanolamine	TEA	102-71-6	0.1 - 1.0

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SAFETY DATA SHEET**SECTION 4. FIRST-AID MEASURES****Description of first aid measures**

- Ingestion* : Harmful effects are not expected under normal usage.
Inhalation : Harmful effects are not expected under normal usage.
Skin contact : Harmful effects are not expected under normal usage. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact : If in eyes: Rinse cautiously with water for several minutes. If eye irritation persists: get medical advice/attention.

Most important symptoms and effects, both acute and delayed

- : None expected, when used as intended.

Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES**Extinguishing media**

- Suitable extinguishing media* : Dry chemicals. Foam. Carbon dioxide (CO₂). Water or fog spray.
Unsuitable extinguishing media : Do not use water jet as extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture / Conditions of flammability

- : Flammable liquid and vapor.

Flammability classification (OSHA 29 CFR 1910.106)

- : Flammable Liquids - Category 3

Hazardous combustion products

- : Carbon oxides

Special protective equipment and precautions for firefighters

- Protective equipment for fire-fighters* : Firefighters should wear an approved full-face, self-contained breathing apparatus (SCBA) and impervious clothing.
Special fire-fighting procedures : Cool containers exposed to heat with water spray and remove container, if no risk is involved.

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

- : Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate personal protective equipment.

Environmental precautions : Avoid release to the environment.**Methods and material for containment and cleaning up**

- : Wipe up with absorbent material (e.g. cloth, fleece).

Special spill response procedures

- : Not applicable.

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

- : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Do not ingest or swallow. Observe good industrial hygiene practices.

Conditions for safe storage : Keep containers closed when not in use.**Incompatible materials** : Strong oxidizing agents. Acids.

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Ethanol	N/Av	1000 ppm	1000 ppm (1900 mg/m ³)	N/Av
Triethanolamine	5 mg/m ³	N/Av	N/Av	N/Av

Exposure controls

Ventilation and engineering measures

: None required under normal conditions.

Respiratory protection

: None required under normal conditions.

Skin protection

: None required under normal conditions.

Eye / face protection

: None required under normal conditions.

Other protective equipment

: None required when used as intended.

General hygiene considerations

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Towlette / pad saturated with clear, colourless liquid.

Odour : Mild alcohol odor.

Odour threshold : Not available.

pH : 5-10

Melting/Freezing point : Not available.

Initial boiling point and boiling range

: Not available.

Flash point : 27.2°C (81°F)

Flashpoint (Method) : Closed cup

Evaporation rate (BuAe = 1) : Not available.

Flammability (solid, gas) : Not applicable.

Lower flammable limit (% by vol.)

: 3.3%

Upper flammable limit (% by vol.)

: 19%

Oxidizing properties : Not applicable

Explosive properties : Not explosive

Vapour pressure : Not available.

Vapour density : Not available.

Relative density / Specific gravity

: 0.89

Solubility in water : Complete

Other solubility(ies) : Not available.

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: Not available.

Auto-ignition temperature : Not available.**Decomposition temperature** : Not available.**Viscosity** : Not available.**Volatiles (% by weight)** : Not available.**Volatile organic Compounds (VOC's)**

: Not available.

Absolute pressure of container

: Not available.

Flame projection length : Not available.**Other physical/chemical comments**

: None known or reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY**Reactivity** : The product is stable and non-reactive under normal conditions of use, storage and transport.**Chemical stability** : Material is stable under normal conditions.**Possibility of hazardous reactions**

: Hazardous polymerization does not occur.

Conditions to avoid : Keep away from heat, sparks and open flames.**Incompatible materials** : See Section 7 (Handling and Storage) for further details.**Hazardous decomposition products**

: See Section 5 (Fire Fighting Measures).

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure:****Routes of entry inhalation** : YES**Routes of entry skin & eye** : YES**Routes of entry Ingestion** : YES**Routes of exposure skin absorption**

: YES

Potential Health Effects:**Signs and symptoms of short-term (acute) exposure***Sign and symptoms Inhalation*

: None expected, when used as intended.

Sign and symptoms ingestion

: None expected, when used as intended.

Sign and symptoms skin

: None expected, when used as intended.

Sign and symptoms eyes

: None expected, when used as intended. Direct eye contact may cause irritation. Symptoms may include tearing, redness and discomfort.

Potential Chronic Health Effects

: None expected, when used as intended.

Mutagenicity : Not expected to be mutagenic.**Carcinogenicity** : This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

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Reproductive effects & Teratogenicity

: This product is not expected to cause reproductive or developmental effects.

Sensitization to material : Not expected to be a skin or respiratory sensitizer.

Specific target organ effects : None expected, when used as intended.

Medical conditions aggravated by overexposure

: None reported by the manufacturer.

Synergistic materials : None reported by the manufacturer.

Toxicological data : See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	LC₅₀(4hr) <u>inh, rat</u>	LD₅₀	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Ethanol	> 32 380 ppm (61 mg/L) (vapour)	7060 mg/kg	> 15 800 mg/kg
Triethanolamine	N/Av	6110 mg/kg	> 2000 mg/kg (No mortality)

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity : The product is not classified as environmentally hazardous. Avoid release to the environment.

Ecotoxicity data:

<u>Ingredients</u>	CAS No	Toxicity to Fish		
		LC₅₀ / 96h	NOEC / 21 day	M Factor
Ethanol	64-17-5	> 100 mg/L (Fathead minnow)	N/Av	None.
Triethanolamine	102-71-6	11 800 mg/L (Fathead minnow)	N/Av	None.

<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC₅₀ / 48h	NOEC / 21 day	M Factor
Ethanol	64-17-5	5012 mg/L (Daphnia magna)	N/Av	None.
Triethanolamine	102-71-6	609.88 mg/L [Ceriodaphnia (water flea)]	16 mg/L	None.

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC₅₀ / 96h or 72h	NOEC / 96h or 72h	M Factor
Ethanol	64-17-5	1000 mg/L/96hr (Green algae)	N/Av	None.
Triethanolamine	102-71-6	216 mg/L/72hr (Green algae)	N/Av	None.

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Persistence and degradability

: Not available.

Bioaccumulation potential

: Not available.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Ethanol (CAS 64-17-5)	- 0.31	N/Av
Triethanolamine (CAS 102-71-6)	- 1.59	< 3.9 (common carp)

Mobility in soil : Not available.

Other Adverse Environmental effects

: None known or reported by the manufacturer.





SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : Dispose of in accordance with local regulations.

Methods of Disposal : Dispose of in accordance with local regulations.

RCRA : Not applicable.

SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN1170	ETHANOL SOLUTION	LQ ground	III	
49CFR/DOT Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass. Refer to 49 CFR Section 173.150.				
ICAO/IATA	UN1170	Ethyl alcohol solution	3	III	 
ICAO/IATA Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
IMDG	UN1170	ETHANOL SOLUTION	LQ ground	III	
IMDG Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				

Special precautions for user : Appropriate advice on safety must accompany the package.

Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not established.

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SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Ethanol	64-17-5	Yes	None.	None.	No	N/Ap
Triethanolamine	102-71-6	Yes	N/Ap	N/Ap	No	N/Ap

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: None. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Ethanol	64-17-5	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Triethanolamine	102-71-6	No	N/Ap	No	Yes	Yes	Yes	Yes	Yes

Canadian Information:

All components of this product are on the Canadian DSL list.
 WHMIS Classification: See Section 2.

International Information:

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Ethanol	64-17-5	200-578-6	Present	Present	(2)-202	KE-13217	Present	HSR001144
Triethanolamine	102-71-6	203-049-8	Present	Present	(2)-308	KE-25940	Present	HSR002785

SECTION 16. OTHER INFORMATION

Legend

: ACGIH: American Conference of Governmental Industrial Hygienists
 CA: California
 CAS: Chemical Abstract Services
 CEPA: Canadian Environmental Protection Act
 CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
 CFR: Code of Federal Regulations
 CPR: Controlled Products Regulation

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CSA: Canadian Standards Association
DOT: Department of Transportation
DSL: Domestic Substances List
EPA: Environmental Protection Agency
HMIS: Hazardous Materials Identification System
HPA: Hazardous Products Act
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
IMDG: International Maritime Dangerous Goods
Inh: Inhalation
LC: Lethal Concentration
LD: Lethal Dose
MA: Massachusetts
MN: Minnesota
N/Ap: Not Applicable
N/Av: Not Available
NFPA: National Fire Protection Association
NIOSH: National Institute of Occupational Safety and Health
NJ: New Jersey
NOEC: No observable effect concentration
NTP: National Toxicology Program
OECD: Organisation for Economic Co-operation and Development
OEL: National occupational exposure limits
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
PPE: Personal Protective Equipment
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RQ: Reportable Quantity
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
WEL: Workplace Exposure Limit
WHMIS: Workplace Hazardous Materials Identification System

References

- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2016
2. International Agency for Research on Cancer Monographs, searched 2017
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2017(Chempendium, HSDB and RTECs).
4. Material Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists - 2017 version.
6. California Proposition 65 List - 2017 version.
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2017.

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Other special considerations for handling

: Provide adequate information, instruction and training for operators.

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<u>Prepared for:</u> Safetec of America, Inc. 887 Kensington Avenue Buffalo, NY 14215 Telephone: 1-716-895-1822 www.safetec.com	 Infection Control & First Aid Products
<u>Prepared by:</u> ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.): (888) 977-4834 (Canada) http://www.thecompliancecenter.com	

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END OF DOCUMENT

COOL Instant Cold Pack



NORTECH LABORATORIES, INC.
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Safety Data Sheet

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Issue Date: 09/30/15 Rev: 2

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

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 Contact

800-935-0425 or visit <http://www.nortechlabs.com/faq.html>

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.

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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.

SECTION 7: Handling and storage

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

SECTION 8: Exposure controls/personal protection

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.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

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

SECTION 10: Stability and reactivity

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

<u>Substance</u>	<u>Condition</u>
None known.	

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

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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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COOL Instant Cold Pack



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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #013

Product Name Neomycin Antibiotic Ointment

Product Use Topical Antibiotic Ointment

Manufacturer Water Jel Technologies LLC
50 Broad Street
Carlstadt, New Jersey 07072

Telephone 201-507-8300
E-mail Address www.waterjel.com
Emergency Telephone 1-800-275-3433
FAX Number 201-507-8325

Issue Date: 06-01-2015

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Neomycin Sulfate		1405-10-3	Proprietary
Petrolatum		8009-03-8	Proprietary

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview:

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

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

Warnings: For External Use Only.

When using this product, avoid contact with the eyes.

Do not use on large areas of the body or on broken, blistered or oozing skin.

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.



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Precautionary Statement:

Prevention	None required according to OSHA Hazcom 2012.
Response	None required according to OSHA Hazcom 2012.
Storage	None required according to OSHA Hazcom 2012.
Disposal	None required according to OSHA Hazcom 2012.

Hazards not otherwise

Classified (HNOC): None known.

Supplemental Information: None.

Route of Entry:

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

SECTION 4: FIRST AID MEASURES

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

SECTION 5: FIRE-FIGHTING MEASURES

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

NFPA Health 0 Fire 1 Reactivity 0 Other NA

SECTION 6: ACCIDENTAL RELEASE MEASURES



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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 ³	5 mg/m ³	5 mg/m ³ 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



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

pH: No information available.
Boiling Point: >200°F closed cup
Melting Point: No information available.
Flash Point: N/A

Explosive Properties: No information available.
Oxidizing Properties: No information available.
Specific Gravity: 0.87
Water Solubility: Insoluble.
Partition Coefficient: No information available.
Viscosity: No information available.
Vapor Pressure (mm Hg): No information available.
Vapor Density (Air=1): No information available.
Evaporation Rate: No information available.
% Volatile: No information available.

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

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

Effects of Acute and Chronic Exposure:

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

Chronic: NE

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

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

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



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Eye Contact:

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

Ingestion:

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

Irritancy of the Product:

This product may cause mild to moderate irritation on damaged skin.

Skin Sensitization:

Not expected.

Respiratory Sensitization:

Not expected.

LD50/LC50:

Petrolatum (CAS 8009-03-8)

- Oral: Not available.
- Dermal: Not available.

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

Reproductive Toxicity:

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

Teratogenicity: Not available.

Reproductive Toxicity: This product is not expected to cause reproductive effects.

SECTION 12: ECOLOGICAL INFORMATION

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

Not expected to be harmful to aquatic organisms.

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

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

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION



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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.

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:

Country or Region	Inventory Name	Listed
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.

SECTION 16: OTHER INFORMATION



SAFETY DATA SHEET

Issue Date: 06-15-2015

Version: 01

Disclaimer:

The information provided in this Safety Data Sheet (SDS) is accurate to the best of our knowledge. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or processes.

SAFETY DATA SHEET

1. Identification

Product identifier Safetec® Sting Relief - Towelette

Other means of identification Not available.

Recommended use Not available.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

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	52.5

Chemical name	Common name and synonyms	CAS number	%
Lidocaine		6108-05-0	2
Menthol		2216-51-5	0.5

4. First-aid measures

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist.
Skin contact	Wash off with warm water and soap. Get medical attention if symptoms occur.
Eye contact	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persist.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting without advice from poison control center. Get medical attention.
Most important symptoms/effects, acute and delayed	Causes serious eye irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause drowsiness or dizziness.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media	Dry chemicals. Foam. Carbon dioxide (CO ₂).
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 (NO _x). Halogenated compounds.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste. Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Eliminate all sources of ignition. Take precautionary measures against static discharges. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling.
Conditions for safe storage, including any incompatibilities	Do not store around flammable or combustible materials. Store in tightly closed original container in a well-ventilated place. Keep cool. Store locked up.

8. Exposure controls/personal protection

Occupational exposure limits

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

Components	Type	Value
Ethanol (CAS 64-17-5)	PEL	1900 mg/m ³ 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethanol (CAS 64-17-5)	TWA	1900 mg/m ³ 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

Appearance Towelette.

Physical state Liquid.

Form Towelette.

Color Off-white.

Odor Antiseptic odor.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point 60.3 °F (15.7 °C)

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) 3.3 %

Flammability limit - upper (%) 19 %

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density	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	0.92

10. Stability and reactivity

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

11. Toxicological information

Information on likely routes of exposure

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

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

Acute toxicity	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
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Components	Species	Test Results
Ethanol (CAS 64-17-5)		
Acute		
<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
Lidocaine (CAS 6108-05-0)		
Acute		
<i>Oral</i>		
LD50	Mouse	292 mg/kg

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

Respiratory or skin sensitization

Respiratory sensitization	This product is not expected to cause respiratory sensitization.
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Skin sensitizer	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity	This product is not expected to cause reproductive effects.
Specific target organ toxicity - single exposure	May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure	Not classified as a specific target organ toxicity -repeated exposure.
Aspiration toxicity	Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous.
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Components		Species	Test Results
Ethanol (CAS 64-17-5)			
Aquatic			
Acute			
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

Persistence and degradability	Not available.
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Bioaccumulative potential	Not available.
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Partition coefficient n-octanol / water (log Kow)

Ethanol	-0.31
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Mobility in soil	Not available.
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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.
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13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
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Local disposal regulations	Dispose in accordance with all applicable regulations.
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Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
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Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
--	--

Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
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14. Transport information

DOT

UN number	UN1170
UN proper shipping name	Ethanol solution (Ethanol RQ = 190 LBS)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	III
Special precautions for user	Not available.
Special provisions	24, B1, IB3, T2, TP1
Packaging exceptions	4b, 150
Packaging non bulk	203

Packaging bulk	242
IATA	
UN number	UN1170
UN proper shipping name	Ethanol Solution (Ethanol)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	III
Environmental hazards	No.
ERG Code	3L
Special precautions for user	Not available.
Other information	
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.

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

DOT



IATA; IMDG



15. Regulatory information

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

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Ethanol (CAS 64-17-5)

Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical	Yes
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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.
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US state regulations**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

US. Massachusetts RTK - Substance List

Ethanol (CAS 64-17-5)

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

Ethanol (CAS 64-17-5)

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

Ethanol (CAS 64-17-5)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

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

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

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

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

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

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	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

Country(s) or region	Inventory name	On inventory (yes/no)*
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

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

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

Issue date 01-29-2015

Version # 01

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

Disclaimer

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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.



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

Reorder # 1108, 1201-1202-1207; HS-1125637

Reviewed on 1/7/15

Safety Data Sheet

SECTION 1. Product and Company Identification

Product/Trade Name: Povidone iodine pads
Povidone iodine swabsticks
Manufacturer's Name: Dynarex Corporation
Manufacturer's Address: 10 Glenshaw Street
Orangeburg, NY 10962
Emergency or Information Phone No.: 888-DYNAREX or 845-365-8201
At other times, contact the local Poison Control Center

SECTION 2. Hazards Identification

Flash Point: >200°F (>90°C)
Hazardous Decomposition of Byproducts: Emits iodine vapors at high temperatures
Hazard Rating (NFPA): Health: 1
Flammability: 1
Reactivity: 0
Specific: None

SECTION 3. Composition/Information on Ingredients

INGREDIENTS	CAS NUMBER	WT. %	ACGIH-TLV
Povidone Iodine Complex	2565-5418	0.5 to 3	None Established

SECTION 4. First-Aid Measures

Skin Contact: Discontinue if rash or irritation is noted.
Eye Contact: Flush with cool water for 15 minutes.
Inhalation: None
Ingestion: Do not induce vomiting. Get medical attention.



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Toll Free: (888) DYNAREX * **Website:** www.thcnet.com
Fax: (845) 365-8201

Target Organs: N/A

SECTION 5. Fire-Fighting Measures

Extinguishing Media: Any
Special Fire-fighting Procedures: None
Unusual Fire and Explosion Hazards: May emit toxic fumes of iodine in a fire.

SECTION 6. Accidental Release Measures

Use absorbent material and dispose per local regulations.

SECTION 7. Handling and Storage

Avoid storing at extreme temperatures.

Store under dry conditions.

SECTION 8. Exposure Controls/Personal Protection

Respiration: None
Ventilation: None
Protective Gloves: If handling liquid
Eye Protection: If splashing is a hazard
Hygienic Practices: Good housekeeping practices should be followed.
Other: Wear apron to protect clothing.

SECTION 9. Physical and Chemical Properties

Color/Appearance: Applicator saturated with dark reddish brown liquid
Odor: Faint Iodine
Boiling Point: N/A
Vapor Density: N/A
Evaporation Rate: N/A
Solubility in Water: Soluble
Specific Gravity (H₂O=1): N/A



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Fax: (845) 365-8201

SECTION 10. Stability and Reactivity

Stability:	Stable
Conditions to avoid:	None known
Incompatibility:	Alkalis and reducing agents
Hazardous Decomposition of By-products:	Emits iodine vapors at high temperatures
Polymerization:	Will not occur

SECTION 11. Toxicological Information

Skin:	May cause irritation
Eyes:	May be irritating
Inhalation:	None
Ingestion:	Harmful

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. Disposal Considerations

Follow local, state and federal regulations.

SECTION 14. Transport Information

DOT Shipping Name:
Technical Shipping Name:



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Fax: (845) 365-8201

DOT Shipping Classification: **DOT not regulated**

DOT ID Number:

DOT Label Requirements:

UN/NA Number Regulations:

Reportable Quantity:

SECTION 15. Regulatory Information

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.

NPN 00489948 - Pad/ NPN 00489964 - Swabstick

US Federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200 due to the presence of listed sensitizers. All components are on the U.S. EPA TSCA Inventory List.

Occupational Safety and Health Administration (OSHA)

**29 CFR 1910.1200 hazardous
chemical**

Yes

CERCLA (Superfund) reportable quantity

Sodium hydroxide: 1000.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

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

Section 302 extremely hazardous substance

No

Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

Safe Drinking Water Act (SDWA) Not available

Drug Enforcement Agency (DEA) Not available

**Food and Drug Administration
(FDA)** Not available

WHMIS classification Exempt - Registered product - (NHP see above)

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



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Fax: (845) 365-8201

SECTION 16. Other information

Abbreviations

N/A: Denotes no applicable information found or available
CAS#: Chemical Abstracts Service Number
ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer
EU: European Union
R: Risk
S: Safety

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

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #005B

Product Name First Aid Antiseptic Burn Spray

Product Use Topical Antiseptic and Analgesic Spray

Manufacturer Water Jel Technologies LLC
50 Broad Street
Carlstadt, New Jersey 07072

Telephone 201-507-8300

E-mail Address www.waterjel.com

Emergency Telephone 1-800-275-3433

FAX Number 201-507-8325

Issue Date: 06-01-2015

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
Benzalkonium Chloride		63449-41-2	0.13
Lidocaine HCl		6108-05-0	2.00
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

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview:

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

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

Warnings: For External Use Only.

When using this product, avoid contact with the eyes.

Do not use on large areas of the body or on broken, blistered or oozing skin.

Stop use and ask a doctor if condition worsens or symptoms persist for more than 7 days.

If swallowed, get medical help or contact a Poison Control Center immediately.

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

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

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

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

Label Elements:



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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 (HNO): None known.

Supplemental Information: None.

Route of Entry:

Skin Contact: May cause irritation, redness, inflammation or dryness.

Skin Absorption: No adverse conditions expected.

Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.

Inhalation: Inhalation of mist may cause respiratory irritation.

Ingestion: May cause irritation of the digestive tract.

SECTION 4: FIRST AID MEASURES

Skin Contact: Wash off with warm water and soap. Get medical attention if symptoms occur.

Skin Absorption: No adverse conditions expected.

Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air.

Ingestion: May cause irritation of the digestive tract.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable: No

Means of Extinction: Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry chemical.
In fires involving large quantities of this product, the use of large streams of water should be avoided.
Use self-contained breathing apparatus when fighting fires that involve this material.

Flash Point and Method: NA

Upper Flammable Limit (% by volume): NA

Lower Flammable Limit (% by volume): NA

Autoignition Temperature (°C): NA

Explosion Data – Sensitivity to Impact: No unusual fire or explosion hazards noted.

Explosion Data – Sensitivity to Static Discharge: No unusual fire or explosion hazards noted.

Hazardous Combustion Products: Carbon oxides. Nitrogen Oxides (NOx).

NFPA	Health 1	Fire 0	Reactivity 0	Other NA
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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/m ³		Aerosol
Propylene Glycol (CAS 57-55-6)	10 mg/m ³	NE	NE	Aerosol
Triethanolamine (CAS 102-71-6)	5 mg/m ³	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.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid.
Physical State: Liquid.
Form: Liquid.
Color: Clear.
Odor: Odorless.

pH: No information available.
Boiling Point: 212°F
Melting Point: No information available.
Flash Point: N/A

Explosive Properties: No information available.
Oxidizing Properties: No information available.
Specific Gravity: 0.997
Water Solubility: Soluble.
Partition Coefficient: No information available.
Viscosity: No information available.
Vapor Pressure (mm Hg): No information available.
Vapor Density (Air=1): No information available.
Evaporation Rate: No information available.
% Volatile: No information available.

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

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

Effects of Acute and Chronic Exposure:

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

Chronic: NE

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

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

Skin Contact:



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

Eye Contact:

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

Ingestion:

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

Irritancy of the Product:

This product may cause mild to moderate irritation on damaged skin.

Skin Sensitization:

Not expected.

Respiratory Sensitization:

Not expected.

LD50/LC50:

Propylene Glycol (CAS 57-55-6)

- Oral (rat): 2200mg/k
- Dermal: (rabbit) 20800 mg/k

Triethanolamine:

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

Glycerin (Mist):

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

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

Reproductive Toxicity:

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

Teratogenicity: Not available.

Reproductive Toxicity: Not available.

SECTION 12: ECOLOGICAL INFORMATION

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

Propylene Glycol:

EC50 Green Algae (*Desmodesmus subspicatus*) 19000 mg/l 96 hours

EC50 Water Flea (*Daphnia magna*) 43500 mg/l 48 hours

LC 50 Fathead Minnow (*Pimephales promelas*) 46500 mg/l 96 hours



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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.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

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

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) 304: Not regulated.

SARA 311/312 HAZARD CATEGORIES: Not regulated.

SARA 313 REPORTABLE INGREDIENTS: Not listed.

STATE REGULATIONS:

California Prop 65:

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

New Jersey RTK:

Glycerin (CAS 56-81-5)

Propylene Glycol (CAS 57-55-6)

Triethanolamine (CAS 102-71-6)

Massachusetts RTK:

Triethanolamine (CAS 102-71-6)

Pennsylvania RTK:

Propylene Glycol (CAS 57-55-6)

Triethanolamine (CAS 102-71-6)

INTERNATIONAL REGULATIONS:

Country or Region	Inventory Name	Listed
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Name: First Aid Antiseptic Burn Spray

Issue Date: 06-01-2015

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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.

SECTION 16: OTHER INFORMATION

Issue Date: 06-15-2015

Version: 01

Disclaimer:

The information provided in this Safety Data Sheet (SDS) is accurate to the best of our knowledge. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or processes.

1. Identification

Product identifier	Eyesaline Eyewash or Sterile Eyesaline
Other means of identification	
Product code	32-ST1050, 32-ST2050, 32-000440, 32-000445, 32-000451, 32-000452, 32-000454, 32-000455, 32-000456, 32-000457, 32-000460, 32-000461, 32-000462, 32-000465, 32-000494, 32-000497, 32-000498
Recommended use	Emergency eyewash.
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
Company name:	Honeywell Safety Products USA, Inc
Address:	825 East Highway 151 Platteville, WI 53818 USA
Telephone:	1-800-873-5242
Contact Person	hsptechsupport@honeywell.com
E-mail:	msds@chemtrec.com
Emergency phone number:	+1-703-741-5500 for USA/Canada

2. Hazard(s) identification

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

3. Composition/information on ingredients

Mixtures

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. First-aid measures

Inhalation	If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Skin contact	Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove contact lenses. Get medical attention promptly if symptoms occur after flushing.
Ingestion	Seek medical advice.
Most important symptoms/effects, acute and delayed	No specific symptoms noted.

Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
5. Fire-fighting measures	
Suitable extinguishing media	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	No restrictions known.
Specific hazards arising from the chemical	None.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	None.
General fire hazards	No unusual fire or explosion hazards noted.
6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures	For industrial use, wear appropriate personal protective equipment (See Section 8).
Methods and materials for containment and cleaning up	Stop leak if you can do so safely. Absorb spill with appropriate sand, clay or other inert sorbent material, then place in appropriate waste container. Large Spills: Flush area with water. Treat runoff per applicable environmental regulations pertaining to drains, water courses and ground water, diking if required.
Environmental precautions	Treat discharge into drains, water courses or onto the ground according to applicable regulations.
7. Handling and storage	
Precautions for safe handling	Observe good industrial hygiene practices. Avoid inhalation of vapors and contact with skin and eyes.
Conditions for safe storage, including any incompatibilities	Keep container closed. Store away from incompatible materials. Do not allow material to freeze. Keep at temperature not exceeding 43°C / 110°F.
8. Exposure controls/personal protection	
Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Exposure guidelines	No exposure standards allocated.
Appropriate engineering controls	Not required.
Individual protection measures, such as personal protective equipment	
Eye/face protection	None under normal conditions.
Skin protection	
Hand protection	Chemical resistant gloves are recommended.
Other	None under normal working conditions.
Respiratory protection	Not normally needed.
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.
9. Physical and chemical properties	
Appearance	Colorless liquid.
Physical state	Liquid.
Form	Liquid.
Color	Colorless.
Odor	No discernable odor.
Odor threshold	Not available.

pH	6.9 - 7.4
Melting point/freezing point	Not available.
Initial boiling point and boiling range	200 °F (93.33 °C)
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	760 mm Hg
Vapor density	Not available.
Relative density	1
Solubility(ies)	
Solubility (water)	Completely soluble in water.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	Stable at normal conditions.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials. Freezing. Elevated temperatures.
Incompatible materials	None.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Prolonged or repeated contact may dry skin and cause irritation.
Eye contact	May cause temporary eye irritation.
Ingestion	No harmful effects expected in amounts likely to be ingested by accident.

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

Acute toxicity	No adverse effects due to eye or skin contact are expected.
Skin corrosion/irritation	Not classified.
Serious eye damage/eye irritation	Not classified.
Respiratory or skin sensitization	
Respiratory sensitization	Not classified.
Skin sensitization	Not a skin sensitizer.
Germ cell mutagenicity	Not classified.

Carcinogenicity Not classified.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity Not classified.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not classified.

Chronic effects Not classified.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability No data available.

Bioaccumulative potential The product is not expected to bioaccumulate.

Mobility in soil The product is completely soluble in water.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

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

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

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

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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

15. Regulatory information

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

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

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No**SARA 313 (TRI reporting)**

Not regulated.

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

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

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.**US state regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.**US. Massachusetts RTK - Substance List**

Not regulated.

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

Not listed.

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

Not listed.

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

Not Listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
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)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

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

16. Other information, including date of preparation or last revision**Issue date** 02-July-2015**Revision date** -**Version #** 01**Further information** The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.**NFPA ratings**

List of abbreviations

References

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

Disclaimer

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