

Antiseptic

SDS Preparation Date (mm/dd/yyyy): 06/15/2017

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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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### 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 (CO<sub>2</sub>). 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

<b>Exposure Limits:</b>				
<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 <sup>3</sup> )	N/Av
Triethanolamine	5 mg/m <sup>3</sup>	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** : Towelette / 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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**SAFETY DATA SHEET****Partition coefficient: n-octanol/water or Coefficient of water/oil distribution**

: 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>	<b>LC<sub>50</sub>(4hr)</b> <u>inh, rat</u>	<b>LD<sub>50</sub></b>	
		<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>	<b>CAS No</b>	<b>Toxicity to Fish</b>		
		<b>LC50 / 96h</b>	<b>NOEC / 21 day</b>	<b>M Factor</b>
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>	<b>CAS No</b>	<b>Toxicity to Daphnia</b>		
		<b>EC50 / 48h</b>	<b>NOEC / 21 day</b>	<b>M Factor</b>
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>	<b>CAS No</b>	<b>Toxicity to Algae</b>		
		<b>EC50 / 96h or 72h</b>	<b>NOEC / 96h or 72h</b>	<b>M Factor</b>
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	
<b>49CFR/DOT Additional information</b>	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	 
<b>ICAO/IATA Additional information</b>	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	
<b>IMDG Additional information</b>	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.

**Preparation Date (mm/dd/yyyy)**

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**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.



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

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Telephone: (845) 365-8200 \* Website: [www.dynarex.com](http://www.dynarex.com)  
Toll Free: (888) DYNAREX \* Website: [www.thcnet.com](http://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.



**Telephone:** (845) 365-8200 \* **Website:** [www.dynarex.com](http://www.dynarex.com)  
**Toll Free:** (888) DYNAREX \* **Website:** [www.thcnet.com](http://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 (H<sub>2</sub>O=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:



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



## COOL Instant Cold Pack



NORTECH LABORATORIES, INC.  
125 SHERWOOD AVENUE  
FARMINGDALE, NY 11735  
P: 800-935-0425 F: (631) 501-1453  
www.nortechlabs.com

## 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

<b>Ingredient</b>	<b>C.A.S. No.</b>	<b>% by Wt</b>
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.



## COOL Instant Cold Pack

### 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

## COOL Instant Cold Pack

### 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

## COOL Instant Cold Pack

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**

# MATERIAL SAFETY DATA SHEET

<b>Hydrogen Peroxide</b>	MSDS No.:	010
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	Effective Date:	10/21/2014

## PRODUCT AND COMPANY INFORMATION – SECTION 1

<b>Manufacturer/Distributor</b>	Water-Jel Technologies
	50 Broad Street
	Carlstadt, NJ 07072
	201-507-8300
	800-275-3433
<b>Product Name:</b>	<b>Hydrogen Peroxide</b>
<b>Synonyms:</b>	Hydrogen Dioxide Solution, Dihydrogen Dioxide, Hydrogen Dioxide, Hydroperoxide, Peroxide.
<b>Intended Use:</b>	First aid treatment for minor cuts and scrapes.

**FOR CHEMICAL EMERGENCY, SPILL, LEAK,  
FIRE, EXPOSURE, OR ACCIDENT:**

**In the continental U.S.: 800-275-3433  
For additional information: 201-507-8300**

## COMPOSITION INFORMATION – SECTION 2

<b>Chemical Name:</b>	Hydrogen Peroxide
<b>Percent:</b>	3
<b>CAS Number:</b>	7722-84-1
<b>Exposure Limits:</b>	OSHA PEL: 1 ppm (1.4 mg/m <sup>3</sup> )
<b>Chemical Name:</b>	Water
<b>Percent:</b>	97
<b>CAS Number:</b>	7732-18-5
<b>Exposure Limits:</b>	No information Available

## HAZARDS IDENTIFICATION – SECTION 3

<b>EMERGENCY OVERVIEW &amp; HAZARDS PRESENT TO MAN AND THE ENVIRONMENT</b>	Caution! May cause skin irritation. May cause respiratory and digestive tract irritation. May cause severe eye irritation and possible injury.
<b>PRIMARY ROUTES OF EXPOSURE</b>	Ingestion, Eye Contact
<b>POTENTIAL HEALTH EFFECTS:</b>	
<b>Eyes:</b>	Causes irritation, redness, and pain.
<b>Skin:</b>	May cause skin irritation. Contact on burn or open skin may cause stinging pain or irritation.
<b>Inhalation:</b>	May cause respiratory irritation.
<b>Ingestion:</b>	Large oral doses may cause irritation and blistering to the mouth, throat, and abdomen. May also cause abdominal pain, vomiting, and diarrhea.

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<b>MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:</b>	Individuals with pre-existing respiratory conditions.
<b><u>CHRONIC HEALTH EFFECTS:</u></b>	
<b>Eyes:</b>	May cause corneal injury.
<b>Skin:</b>	May cause skin discoloration.
<b>Inhalation:</b>	Repeated exposure may lead to chemical pneumonitis and pulmonary edema.
<b>Ingestion:</b>	May lead to distention of the esophagus and stomach.

<b>FIRST AID MEASURES – SECTION 4</b>	
<b>SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.</b>	
<b><u>FIRST AID MEASURES:</u></b>	
<b>Eyes:</b>	Immediately flush eyes with plenty of water for at least fifteen (15) minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.
<b>Skin:</b>	Not expected to require first aid measures. Wash exposed area with soap and water. Get medical advice if irritation develops.
<b>Inhalation:</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. DO NOT use mouth-to-mouth resuscitation.
<b>Ingestion:</b>	Give several glasses of water to drink to dilute. If large amounts are swallowed, seek medical advice.
<b>Instructions for Physician:</b>	Treat symptomatically and supportively.

<b>FIRE FIGHTING MEASURES – SECTION 5</b>			
<b><u>NFPA Classification</u></b>			
<b><u>Health</u></b>	<b><u>Fire</u></b>	<b><u>Reactivity</u></b>	<b><u>Other</u></b>
1	0	1	1-Contact
<b><u>FLAMMABILITY PROPERTIES</u></b>			
<b>Flash Point:</b>	N/A	<b>Method:</b>	N/A
<b>Flammability Limits:</b> (in air % by volume)	<b>LEL:</b>	N/A	<b>UEL:</b> N/A
<b><u>Autoignition Temperature:</u></b>			
N/A			



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## **Hazardous Combustion Products:**

Nitrogen oxides, hydrogen gas, oxygen, hydrazoic acid.

## **Extinguishing Media:**

Use extinguishing media most appropriate for the surrounding fire. Use flooding quantities of water as spray.

## **Prohibited Extinguishing Media:**

Carbon dioxide or other extinguishing agents that smother flames are not effective in extinguishing fires involving oxidizers.

## **Firefighting Instructions:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Non-combustible, substance itself does not burn but may decompose upon heating to produce irritating, corrosive and/or toxic fumes.

## **Unusual Fire and Explosion Hazards:**

No information available.

## **ACCIDENTAL RELEASE MEASURES – SECTION 6**

### **Environmental Precautions:**

Avoid runoff into storm sewers and ditches, which lead to waterways. Clean up spills immediately observing precautions in Section 8, EXPOSURE CONTROLS / PERSONAL PROTECTION. Provide ventilation.

### **Cleanup Methods:**

Small spills: Dilute with water and mop up.

Large spills: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

## **HANDLING & STORAGE – SECTION 7**

<b>Handling:</b>	Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
<b>Storage:</b>	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.
<b>Specific Uses:</b>	First aid treatment for minor cuts and scrapes.

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EXPOSURE CONTROLS / PERSONAL PROTECTION – SECTION 8		
<b><u>EXPOSURE CONTROLS:</u></b>		
<b><u>Exposure Limits Values:</u></b>		
	<b>OSHA PEL:</b>	<b>ACGIH TLV:</b>
Hydrogen Peroxide	1 ppm (1.4 mb/m <sup>3</sup> )	1 ppm TWA (1.4 mg/m <sup>3</sup> )
<b><u>Engineering Controls:</u></b>		
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.		
<b><u>PERSONAL PROTECTIVE EQUIPMENT:</u></b>		
<b><u>Respiratory Protection:</u></b>		
Replace with PPE information.		
<b><u>Hand Protection:</u></b>		
Wear appropriate protective gloves.		
<b><u>Eye/Face Protection:</u></b>		
Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166.		
<b><u>Skin Protection:</u></b>		
Wear appropriate protective gloves and clothing to prevent skin exposure.		
<b><u>General Hygiene Considerations:</u></b>		
Wash thoroughly after handling. Do not take internally. Eye wash and safety equipment should be readily available.		
<b><u>Other Protective Equipment:</u></b>		
Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.		

PHYSICAL & CHEMICAL PROPERTIES – SECTION 9	
<b>PRODUCT:</b>	<b>Hydrogen Peroxide</b>
<b>General Information:</b>	
Appearance	Clear Liquid
Odor	Slight
<b>Important Health, Safety, and Environmental Information:</b>	
Boiling Point	> 100 deg C
Melting Point	No information available.
Flash Point	No information available.

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Explosive Properties	No information available.
Oxidizing Properties	No information available.
Specific Gravity ( $H_2O = 1$ )	> 1.000
Water Solubility	Soluble.
Partition Coefficient ( <i>n-octanol/water</i> )	No information available.
Viscosity	No information available.
Vapor Pressure ( <i>mm Hg</i> )	No information available.
Vapor Density ( <i>Air = 1</i> )	> 1.00
Evaporation Rate	No information available.
% Volatile ( <i>By Volume @ 68°F</i> )	No information available.

## STABILITY & REACTIVITY – SECTION 10

### Stability:

Decomposes slowly to release oxygen.

### Conditions to avoid:

Incompatible materials, light, ignition sources, metals, excess heat, reducing agents, alkaline materials, oxidizers, and temperatures above 300°C.

### Materials to avoid:

Hydrogen Peroxide is incompatible with acetal + acetic acid, acetaldehyde + desiccants, acetic acid, acetic acid + N-heterocycles, acetic acid + 3-thioethanol, acetic anhydride, acetone, alcohols, alcohols + sulfuric acid, aluminum isopropoxide + heavy metals salts, 2-amino-4-methyloxazole, aromatic hydrocarbons + trifluoroacetic acid, azalic acid + sulfuric acid, benzenesulfonic anhydride, tert-butanol + sulfuric acid, carboxylic acids, carbon, coal, diethyl ether, 3,5-dimethyl-3-hexanol + sulfuric acid, dimethylphenylphosphine, diphenyl diselenide, 2-ethoxyethanol + polyacrylamide + toluene, ethyl acetate, formic acid + metaboric acid, gadolinium hydroxide, gallium + hydrochloric acid, hydrogen + palladium catalyst, hydrogen selenide, iron (III) sulfate + 2-methylpyridine + sulfuric acid, iron (II) sulfate + nitric acid + sodium carboxymethylcellulose, ketene, ketones + nitric acid, lead + trioxane, lithium tetrahydroaluminate, mercury (II) oxide + nitric acid, metals, metal oxides or metal salts, methanol + tert-amine + platinum catalyst, methanol + phosphoric acid, 4-methyl-2, 4, 6-triazatricyclo-undeca-8-ene-3, 5 dione + potassium hydroxide, nitric acid + soils, nitric acid + thiourea, nitrogenous bases, organic compounds, organic materials + sulfuric acid, oxygenated compounds, 2-phenyl-1, 1-dimethylethanol + sulfuric acid, alpha-phenylselenoketones, phosphorus, phosphorus (V) oxide, poly(acetoxyacrylic acid lactone) + poly(2-hydroxyacrylic acid), sulfuric acid, tetrahydrothiophene, tin (II) chloride, unsaturated compounds, and vinyl acetate.

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## Hazardous Decomposition Products:

Nitrogen oxides, hydrogen gas, oxygen, hydrazoic acid.

## Hazardous Polymerization:

No information available

## TOXICOLOGICAL INFORMATION – SECTION 11

<u>Type of Test</u>	<u>Route of Exposure</u>	<u>Effects</u>	<u>Species Observed</u>	<u>Dose Data</u>
LC <sub>50</sub> (Hydrogen Peroxide)	Inhalation	Death	Rat	2000 mg/m <sup>3</sup>
LD <sub>50</sub> (Hydrogen Peroxide)	Oral	Death	Mouse	2000 mg/kg
LD <sub>50</sub> (Hydrogen Peroxide)	Oral	Death	Rabbit	820 mg/kg
LD <sub>50</sub> (Hydrogen Peroxide)	Oral	Death	Rat	1518 mg/kg
LD <sub>50</sub> (Water)	Oral	Death	Rat	> 90 mL/kg

## ECOLOGICAL INFORMATION – SECTION 12

### Ecotoxicity:

No information available.

### Mobility:

No information available.

### Persistence and Degradability:

No information available.

### Bio accumulative Potential:

No information available.

## DISPOSAL CONSIDERATION – SECTION 13

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

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TRANSPORT INFORMATION – SECTION 14	
<b><u>DOT CLASSIFICATION:</u></b>	
UN Number:	Not Regulated for Domestic Transportation.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	
<b><u>IATA CLASSIFICATION:</u></b>	
Un Number:	Not Regulated for International Air Transportation.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	
<b><u>IMDG CLASSIFICATION:</u></b>	
Un Number:	Not Regulated for International Water Transportation.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

REGULATORY INFORMATION – SECTION 15	
<b><u>US REGULATIONS</u></b>	
ACGIH	Listed – Hydrogen Peroxide – TWA: 1 ppm (1.4 mg/m <sup>3</sup> )
CAA Section 112	Not Listed
CERCLA	Not Listed
IARC	Listed – Hydrogen Peroxide – Group 3 or 4
NTP	Not Listed
OSHA	Listed – Hydrogen Peroxide – PEL: 1 ppm (1.4 mg/m <sup>3</sup> )
SARA Title III	Not Listed
TSCA	Not Listed

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<b><u>STATE REGULATIONS</u></b>	
<b>MA substance List</b>	Listed – Hydrogen Peroxide – 2,4,5,E,F6
<b>NJ RTK Hazardous Substance List</b>	Listed – Hydrogen Peroxide
<b>PA Hazardous Substance List</b>	Listed – Hydrogen Peroxide
<b>Canadian WHMIS</b>	Listed – Hydrogen Peroxide 3%

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