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**Section 1 - PRODUCT AND COMPANY IDENTIFICATION**

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**2 of 2 SDS – WEBCOL/Curity Alcohol Prep Pads****Material Name**

WEBCOL/Curity Alcohol Prep Pads

**Trade Names**

5033, 5110, 5750, 6818, 6818-1, 63001, 15033, 16818, 176818, 20339, 681812, 6818-2, 7MJ46621, 7MJ36339, 7RA58200, 7RA71200, 7RI43405, 7R145719, 7RI45720, 7RI45721, 7RI45722, 7RI82380, 7RI82402, 70Y33230, 985629, MKN42634, 693035, 121-6131, 6818M, GS42634

**Synonyms**

Isopropyl Alcohol 65-75%

**Chemical Family**

ISOPROPYL ALCOHOL

**Product Use**

Skin preparation pads for use in medical applications

**Restrictions on Use**

For use under medical supervision only.

**Manufacturer Information**

Covidien, LP

15 Hampshire Street

Mansfield, MA 02048

USA

Phone: +1-(508) 261-8000 (Monday - Friday 8:00 am to 5:00 pm)

Email: customerservice@medtronic.com

Emergency Telephone Number:

CHEMTREC (800) 424-9300 (for US and Canada)

1(703) 527-3887 (Outside US and Canada)

Collect calls accepted

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**Section 2 - HAZARDS IDENTIFICATION**

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**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Flammable Liquids - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

**GHS Label Elements****Symbol(s)**

**Signal Word**

Danger

**Hazard Statement(s)**Highly flammable liquid and vapor  
Causes serious eye irritation**Precautionary Statement(s)****Prevention**Keep away from heat/sparks/open flame/hot surfaces - No smoking  
Wash thoroughly after handling**Response**

In case of fire: Use appropriate media to extinguish

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

**Storage**

Store in a cool dry place

**Disposal**

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

**Other Hazards**

No additional information available.

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**Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

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CAS	Component Name	Percent (%)
7732-18-5	Water	25 - 35
67-63-0	Isopropyl alcohol	65 - 75

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**Section 4 - FIRST AID MEASURES**

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**Inhalation**

Not a likely route of exposure.

**Skin**

It is unlikely that first aid will be required. If skin irritation occurs: Get medical advice/attention.

**Eyes**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**Ingestion**

If swallowed, get medical attention.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically and supportively.

**Most Important Symptoms/Effects**

**Acute**

Causes serious eye irritation.

**Delayed**

No information on significant adverse effects.

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## Section 5 - FIRE FIGHTING MEASURES

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**Extinguishing Media**

**Suitable Extinguishing Media**

Use dry chemical, carbon dioxide, alcohol-resistant foam or water spray.

**Unsuitable Extinguishing Media**

None known.

**Special Hazards Arising from the Chemical**

Highly flammable liquid and vapor.

**Hazardous Combustion Products**

Oxides of carbon

**Advice for firefighters**

Avoid inhalation of material or combustion by-products.

**Fire Fighting Measures**

Avoid inhalation of material or combustion by-products.

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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**Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment.

**Methods and Materials for Containment and Cleaning Up**

Clear up spills immediately and dispose of waste safely.

**Environmental Precautions**

Avoid release to the environment.

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## Section 7 - HANDLING AND STORAGE

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**Precautions for Safe Handling**

Keep away from heat/sparks/open flames/hot surfaces.

**Conditions for Safe Storage, Including any Incompatibilities**

Store in a cool dry place

**Incompatible Materials**

Aldehydes, halogenated compounds, halogens, strong acids, strong oxidizing agents

**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Component Exposure Limits**

Isopropyl alcohol	67-63-0
ACGIH:	200 ppm TWA
	400 ppm STEL
NIOSH:	400 ppm TWA; 980 mg/m <sup>3</sup> TWA
	500 ppm STEL; 1225 mg/m <sup>3</sup> STEL
	2000 ppm IDLH (10% LEL)
OSHA (US):	400 ppm TWA; 980 mg/m <sup>3</sup> TWA
Mexico:	400 ppm TWA LMPE-PPT; 980 mg/m <sup>3</sup> TWA LMPE-PPT
	500 ppm STEL [LMPE-CT]; 1225 mg/m <sup>3</sup> STEL [LMPE-CT]

**Biological limit value**

There are no biological limit values for any of this product's components.

**Engineering Controls**

Based on available information, additional ventilation is not required. Ensure compliance with applicable exposure limits.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/face protection**

Safety glasses or goggles are recommended when there is a potential for eye contact.

**Skin Protection**

Not required.

**Respiratory Protection**

No respirator is required under normal conditions of use.

**Glove Recommendations**

Hand protection is not required.

**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Non-woven cloth saturated with liquid in foil package	<b>Physical State</b>	Liquid
<b>Odor</b>	Alcohol	<b>Color</b>	Colorless
<b>Odor Threshold</b>	Not available	<b>pH</b>	Not available

<b>Melting Point</b>	Not available	<b>Boiling Point</b>	82 °C (literature value)
<b>Freezing point</b>	-89 °C (literature value)	<b>Evaporation Rate</b>	Not available
<b>Boiling Point Range</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition</b>	399 °C (literature value)	<b>Flash Point</b>	12 °C (estimate based on isopropyl alcohol)
<b>Lower Explosive Limit</b>	2 % (V)	<b>Decomposition</b>	Not available
<b>Upper Explosive Limit</b>	12 % (V)	<b>Vapor Pressure</b>	33 mmHg (@ 20 °C - literature value)
<b>Vapor Density (air=1)</b>	2.1 (literature value)	<b>Specific Gravity (water=1)</b>	0.7855 (@ 20 °C - literature value)
<b>Water Solubility</b>	100%	<b>Partition coefficient: n-octanol/water</b>	0.05 (measured value)
<b>Viscosity</b>	Not available	<b>Solubility (Other)</b>	Not available
<b>Density</b>	Not available		

**Other Information**

No additional information available.

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**Section 10 - STABILITY AND REACTIVITY**

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**Reactivity**

Not known to occur.

**Chemical Stability**

Stable under normal conditions of use.

**Possibility of Hazardous Reactions**

Hazardous polymerization will not occur.

**Conditions to Avoid**

Avoid direct sunlight.

**Incompatible Materials**

Aldehydes, halogenated compounds, halogens, strong acids, strong oxidizing agents

**Hazardous decomposition products**

Oxides of carbon

## Section 11 - TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Inhalation

Not a likely route of exposure.

#### Skin Contact

None known.

#### Eye Contact

Causes serious eye irritation.

#### Ingestion

None known.

### Acute and Chronic Toxicity

#### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Isopropyl alcohol (67-63-0)

Oral LD50 Rat 5045 mg/kg (Safety Data Sheet)

Dermal LD50 Rabbit 12800 mg/kg (Safety Data Sheet)

Inhalation LC50 Rat 1600 ppm 4 h (Safety Data Sheet)

#### Immediate Effects

Causes serious eye irritation.

#### Delayed Effects

No information on significant adverse effects.

#### Irritation/Corrosivity Data

Causes serious eye irritation.

#### Respiratory Sensitization

No data available.

#### Dermal Sensitization

No data available.

#### Component Carcinogenicity

Isopropyl alcohol	67-63-0
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977] (Group 3 (not classifiable))

#### Germ Cell Mutagenicity

No data available.

#### Reproductive Toxicity

No data available.

**Specific Target Organ Toxicity - Single Exposure**

No information available.

**Specific Target Organ Toxicity - Repeated Exposure**

No information available.

**Aspiration hazard**

No data available.

**Medical Conditions Aggravated by Exposure**

May cause eye damage, eye disorders.

**Additional Data**

No additional information available.

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**Section 12 - ECOLOGICAL INFORMATION**

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**Ecotoxicity**

Avoid release to the environment.

**Component Analysis - Aquatic Toxicity**

Isopropyl alcohol	67-63-0
Fish:	LC50 96 h Pimephales promelas 9640 mg/L [flow-through]; LC50 96 h Pimephales promelas 11130 mg/L [static]; LC50 96 h Lepomis macrochirus >1400000 µg/L
Algae:	EC50 96 h Desmodesmus subspicatus >1000 mg/L IUCLID; EC50 72 h Desmodesmus subspicatus >1000 mg/L IUCLID
Invertebrate:	EC50 48 h Daphnia magna 13299 mg/L IUCLID

**Persistence and Degradability**

No information available for the product.

**Bioaccumulative Potential**

No information available for the product.

**Mobility**

No information available for the product.

**Other Toxicity**

No additional information available.

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**Section 13 - DISPOSAL CONSIDERATIONS**

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**Disposal Methods**

Dispose in accordance with all applicable regulations.

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**Section 14 - TRANSPORT INFORMATION**

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**US DOT Information:****Shipping Name:**Not applicable**Hazard Class:** Not applicable**UN/NA #:** Not regulated per 49 CFR, Special Provision 47 (for rail and road transport in the USA)**Packing Group:** Not applicable**Required Label(s):** Not applicable**Additional information:** No additional information available**IATA Information:****Shipping Name:**Not applicable**Hazard Class:** Not applicable**UN#:** Not regulated, as per IATA, Special Provision A46**Packing Group:** Not applicable**Required Label(s):** Not applicable**Additional information:** Consult current IATA regulations prior to shipping by air**IMDG Information:****Shipping Name:**Not applicable**Hazard Class:** Not applicable**UN#:** Not regulated, as per IMDG Code, Special Provision 216**Packing Group:** Not applicable**Required Label(s):** Not applicable**Additional information:** No additional information available**TDG Information:****Shipping Name:**Not applicable**Hazard Class:** Not applicable**UN#:** Not regulated**Packing Group:** Not applicable**Required Label(s):** Not applicable**Additional information:** No additional information available

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**Section 15 - REGULATORY INFORMATION**

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**U.S. Federal Regulations**

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b).

Isopropyl alcohol	67-63-0
SARA 313:	1 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)

**Not listed under California Proposition 65**

**Canadian WHMIS Ingredient Disclosure List (IDL)**

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

Isopropyl alcohol	67-63-0
	1 %

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**Section 16 - OTHER INFORMATION**

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**Summary of Changes**

New SDS: May 5, 2015

**Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States; WHMIS - Workplace Hazardous Materials Information System

**Other Information**

**Disclaimer:**

The information and recommendations in this safety data sheet are based on sources believed to be accurate as of the date of issue. 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. Covidien LP makes **NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED** and usage of this safety data sheet shall not establish a legal, contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose. Covidien LP assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Covidien LP assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Users should ensure that any use or disposal of the material is in accordance with applicable national, country, federal, state, and local laws, directives, orders and regulations.



# Safety Data Sheet

## Aplicare Povidone-Iodine (Paint Sponge Stick, Prep Pad, Spray Solution, Solution, Swabstick, PVP-I Prep Swabs Ampules)

### Section 1. Identification

Product Identifier	Aplicare Povidone-Iodine (Paint Sponge Stick, Prep Pad, Spray Solution, Solution, Swabstick, PVP-I Prep Swabs Ampules)		
Synonyms	APL41411; APL82209; APL82217; APL82219; APL82222; APL82226; APL82255; APL82277K; APL82278; APL82332; APL82342K; APL82344K; APLF20115S; APLK905D; APLL1001; APLL10014S; APLL30015S; APLL30115S; APLP1001; APLP10018S; APLP1011; APLP10118S; APLPK4433; APLS1101; APLS11011S; APLS1111; APLS11111S; APLS3101; APLS31015S; APLS3111; APLS31115S; DYND70287; DYND70288; ORF20015S; MSD_SDS0395		
Manufacturer Stock Numbers	APL41411; APL82209; APL82217; APL82219; APL82222; APL82226; APL82255; APL82277K; APL82278; APL82332; APL82342K; APL82344K; APLF20115S; APLK905D; APLL1001; APLL10014S; APLL30015S; APLL30115S; APLP1001; APLP10018S; APLP1011; APLP10118S; APLPK4433; APLS1101; APLS11011S; APLS1111; APLS11111S; APLS3101; APLS31015S; APLS3111; APLS31115S; DYND70287; DYND70288; ORF20015S		
Recommended use	Please refer to the product label.		
Uses advised against	No information available.		
Manufacturer Contact Address	Medline 3 Lakes Drive Northfield, IL, 60093 USA		
Phone	Emergency Phone	Fax	
(800) 633-5463	(800) 424-9300 CHEMTREC	(847) 643-4436	
Website	www.Medline.com		

## Section 2. Hazards Identification

Classification No OSHA Hazard Classifications Applicable - Category N.A.

Signal Word

Pictogram

Hazard Statements No OSHA Hazard Classifications Applicable

Precautionary Statements

Response N/A

Prevention N/A

Storage N/A

Disposal N/A

Ingredients of unknown toxicity 9.1%

Hazards not Otherwise Classified

N.A.

Other information:

Causes mild skin irritation.  
Harmful to aquatic life with long lasting effects.  
May cause slight eye irritation.

## Section 3. Ingredients

CAS	Ingredient Name	Weight %
25655-41-8	Povidone-iodine	5% - 10%

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

## Section 4. First-Aid Measures

Eye contact: Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed: No information available.

Indication of any immediate medical attention and special treatment needed: Notes to physician: Treat symptomatically.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical:	No information available.
Hazardous combustion products:	Carbon oxides.
Explosion data:	Sensitivity to Mechanical Impact: None  Sensitivity to Static Discharge: None
Protective equipment & precautions for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Avoid contact with eyes.
Environmental Precautions:	Refer to protective measures listed in Sections 7 and 8.
Methods and Materials for Containment and Cleaning up:	Methods for Containment: Prevent further leakage or spillage if safe to do so.  Methods for Cleaning up: Pick up and transfer to properly labeled containers.

## Section 7. Handling and Storage

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practice.
Conditions for safe storage, including any incompatibilities:	Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.  Incompatible Products: None known based on information supplied.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Povidone-iodine	TWA: 0.01ppm (Inhalable fraction and vapor) STEL: 0.1ppm (Aerosol and vapor)	(Ceiling ) 0.1ppm	IDLH: 2ppm
Personal Protective	N/A			

Equipment

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate Engineering Controls: Showers; Eyewash stations; Ventilation systems

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

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Dark brown
Odor	Faint
Odor Threshold	N.D.
Solubility	N.D.
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	1.03
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.D.
FP Method	N.D.
pH	4-6.5
Melting Point	N.D.
Boiling Point	N.D.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.D.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

## Section 10. Stability and Reactivity

Reactivity: No data available.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None under normal processing.

Hazardous polymerization: Hazardous polymerization does not occur.

Conditions to avoid: None known based on information supplied.  
Incompatible Materials: Strong oxidizing agents. Strong acids. Strong bases.  
Hazardous Decomposition Products: Carbon oxides.

## Section 11. Toxicological Information

Inhalation: Specific test data for the substance or mixture is not available.  
Eye contact: Specific test data for the substance or mixture is not available.  
Skin contact: Specific test data for the substance or mixture is not available.  
Ingestion: Specific test data for the substance or mixture is not available.  
Component Information: Povidone-iodine CAS-No. 25655-41-8  
Oral LD50: > 8 g/kg ( Rat )  
Information on Toxicological Effects: Symptoms: No information available.  
Sensitization: No information available.  
Mutagenic Effects: No information available.  
Carcinogenicity: Contains no ingredient listed as a carcinogen.  
Reproductive toxicity: No information available.  
Specific Target Organ Toxicity - Single Exposure: No information available.  
Specific Target Organ Toxicity - Repeated Exposure: No information available.  
Chronic Toxicity: No known effect based on information supplied.  
Target Organ Effects: None known.  
Aspiration Hazard: No information available.  
Numerical measures of toxicity: N.A.

## Section 12. Ecological Information

Ecotoxicity: Harmful to aquatic life with long lasting effects.  
Persistence/degradability: No information available.  
Bioaccumulation: No information available.  
Other adverse effects: No information available.

## Section 13. Disposal

Disposal methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

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

## Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not Regulated
DOT Classification	Not Regulated
Packing Group	Not Regulated
IATA:	Not Regulated
IMDG:	Not Regulated

## Section 15. Regulatory Information

SARA 311/312:	Refer to Section 2 of the SDS.
SARA 302:	N.A.
SARA 304:	N.A.
SARA 313:	N.A.
TSCA:	All components are listed or exempt.
CERCLA Hazardous Substance List:	N.A.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
State Regulations:	N.A.

## Section 16. Other Information

Revision Date	10/4/2022
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Legend	N.A. - Not Applicable N.E. - Not Established N.D. - Not Determined
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National Fire Protection Association (U.S.A): Health Hazard	1
National Fire Protection Association (U.S.A): Flammability	0
National Fire Protection Association (U.S.A): Instability Hazard	0
HMIS (U.S.A.): Health Hazard	1
HMIS (U.S.A.): Flammability	0
HMIS (U.S.A.): Physical Hazard	0
HMIS (U.S.A.): Personal Protection	X

**Additional Information:**

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