

# **SAFETY DATA SHEET**

According to 29 CFR 1910.1200 Hazard Communication Standard 2012 (HazCom 2012)

CTION 1: Identificatio	n		
Product identifier			
Product name	CAN Solution		
Product number	R-0820; R-0820-PL		
Recommended use and restrictions	To be used in accordance with manufacturer instructions or under the direct guidance of the manufacturer.		
Manufacturer	Taylor Technologies, Inc. 31 Loveton Circle Sparks, MD 21152 Phone: (410) 472-4340 Emergency phone: (800) 837-8	548	
CTION 2: Hazard(s) id	entification		
Physical hazards	Corrosive to metals	Category 1	
Health hazards	Acute toxicity, inhalation	Category 4	
	Eye damage/irritation	Category 1	
	Skin corrosion/irritation	Category 1B	
	Specific target organ toxicity, single exposure	Category 3 Respiratory tract irritation	
Environmental hazards	No data available		
Signal word	Danger		
Hazard statements	May be corrosive to metals. Harmful if inhaled. Causes severe skin burns and eye damage. May cause respiratory irritation.		
Precautionary statements			
Prevention	Keep only in original container. Do not breathe dusts or mists. Wash skin thoroughly after handling Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection if contact is likely to occur.		
Response	Absorb spillage to prevent material damage. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a physician or poison control center. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a physician or poison control center.		
Storage	Store in corrosive-resistant container with a corrosive-resistant inner liner. Keep tightly capped. Store out of direct sunlight between 36°F–85°F. Store in a well-ventilated place. Store locked up.		
Disposal	Dispose of contents/container in	n accordance with local/regional/national/international regulations	
Hazards not otherwise classified	No data available		

# SECTION 3: Composition/information on ingredients

wixture			
Chemical name	Common name and synonyms	CAS number	%
Water	Dihydrogen oxide	7732-18-5	75–85
Ammonium cerium (IV) nitrate	Ceric ammonium nitrate	16774-21-3	5–10
Sulfuric acid	Hydrogen sulfate	7664-93-9	5–10

# SECTION 4: First-aid measures

## If inhaled

Remove individual to fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops. Give oxygen or artificial respiration if needed.

#### In case of skin contact

Immediately flush skin with plenty of water for at least 20 minutes. If clothing comes in contact with the product, the clothing should be removed and laundered before reuse. Seek medical attention if irritation develops. Chemical burns must be treated by a physician.

#### In case of eye contact

Immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

## If swallowed

Call a physician or poison control center immediately. Rinse mouth. Never give anything by mouth to a person who is unconscious or is having convulsions. Do NOT induce vomiting unless directed by physician. If vomiting occurs, keep head low so that stomach content does not get into the lungs.

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

Refer to section 2 and/or section 11 of the SDS for the most important known symptoms and effects.

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

Provide general supportive measures and treat symptomatically.

Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep person under observation. Symptoms may be delayed.

#### **General information**

Ensure medical personnel are aware of the material(s) involved and take precautions to protect themselves.

# SECTION 5: Firefighting measures

Extinguishing media Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.
Specific hazards arising from the substance or mixture	
Fire hazard	Not flammable
Explosion hazard	Not explosive
Reactivity	May be corrosive to metals
Hazardous combustion products	Cerium oxides, nitrogen oxides, and sulfur oxides
Advice for firefighters	
Precautionary measures	Exercise caution when fighting any chemical fire; hazardous fumes will be present.
Firefighting equipment/instructions	Use water spray or fog for cooling exposed containers.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	Refer to section 9 of the SDS for flammability properties.

# SECTION 6: Accidental release measures

## Personal precautions, protective equipment, and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during cleanup. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protective equipment, refer to section 8 of the SDS.

### **Environmental precautions**

Avoid discharge into drains, watercourses, or onto the ground.

#### Methods and material for containment and cleaning up

Dike the spilled material where this is possible. Stop leak if it can be done without risk. Absorb spillage to prevent material damage. Absorb in vermiculite, dry sand or earth, and place into containers. Prevent entry into waterways, sewers, basements, or confined areas. Following product recovery, flush area with water. Small Spills: Absorb spillage with noncombustible, absorbent material. Clean surface thoroughly to remove residual contamination. Never return spills to original containers for reuse. Dilute acid with water and neutralize with dilute base. If not recoverable, dilute with water or flush to holding area and neutralize. Contaminated absorbent material may pose the same hazards as the spilled product. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

## Reference to other sections

For exposure controls and personal protection, refer to section 8 of the SDS. For waste disposal, refer to section 13 of the SDS.

# SECTION 7: Handling and storage

## Personal precautions, protective equipment, and emergency procedures

Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. For personal protective equipment, refer to section 8 of the SDS. Keep away from incompatibles. Observe good industrial hygiene practices. Label containers appropriately.

## Conditions for safe storage, including any incompatibilities

Store in corrosive-resistant container with a corrosive-resistant inner liner. Keep tightly capped. Store out of direct sunlight between 36°F–85°F. Store in a well-ventilated place. Store locked up. Store away from incompatible materials (refer to section 10 of the SDS).

# SECTION 8: Exposure controls/personal protection

Occupational exposure limi	ts			
ACGIH Threshold Limit Valu	les			
Components		Туре	Value	Form
Sulfuric acid (CAS 7664-93	-9)	TWA	0.2 mg/m <sup>3</sup>	Thoracic function
NIOSH: Pocket Guide to Ch	emical Hazards			
Components		Туре	Value	Form
Sulfuric acid (CAS 7664-93	-9)	TWA	1 mg/m <sup>3</sup>	Not applicable
OSHA Table Z-1 Limits for A	Air Contaminants (2	29 CFR 1910.1000)		
Components		Туре	Value	Form
Sulfuric acid (CAS 7664-93 Biological limit values		PEL posure limits noted for th	1 mg/m <sup>3</sup> ne ingredient(s)	Not applicable
Exposure controls Appropriate engineering controls	be matched to co engineering cont limits have not b	onditions. If applicable, u rols to maintain airborne een established, mainta	use process enclosures, lo e levels below recommend	d be used. Ventilation rates should ocal exhaust ventilation, or other ded exposure limits. If exposure cceptable level. Eyewash facilities fuct.
Personal protective equipment				
Eye/face protection	Wear appropriate	Wear appropriate chemical safety goggles if contact is likely to occur.		
Skin protection	Wear appropriate	e chemical-resistant glov	ves and clothing if contact	is likely to occur.
Body protection	Wear appropriate	e protective clothing.		
Respiratory protection	In case of insuffi	cient ventilation, wear su	uitable respiratory equipm	ent. Use a NIOSH/MSHA

limits. Advice should be sought from respiratory protection suppliers.

approved respirator if there is a risk of exposure to dust/fumes at levels exceeding the exposure

# SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties	
Physical state	Liquid
Form	Liquid
Color	Orange
Odor	Pungent
Odor threshold	No data available
рН	0.5
Evaporation rate	No data available
Melting point	No data available

Freezing point	No data available		
Boiling point	212–215°F (100–101.7°C)		
Flash point	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Flammability (solid, gas)	No data available		
Vapor pressure	17 mm Hg		
Relative vapor density	0.6		
Solubility	Soluble in all proportions		
Partition coefficient (n-octanol/water)	No data available		
Viscosity	No data available		
Explosive properties	No data available		
Oxidizing properties	No data available		
CTION 10: Stability and r	eactivity		
Reactivity	May be corrosive to metals		
Chemical stability	Stable under recommended handling and	storage conditions (refer to section 7 of the SDS)	
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use		
Conditions to avoid	Contact with incompatible materials. Do n	ot use in areas without adequate ventilation.	
Incompatible materials	Metal compounds, nitromethane, organic materials, oxidizing agents, powdered metals, strong reducing agents, and sugars		
CTION 11: Toxicological	information		
Information on toxicological effects			
Inhalation	Harmful if inhaled. May cause irritation to	the respiratory system.	
Skin contact	Causes severe skin burns		
Eye contact	Causes serious eye damage		
Ingestion	Causes digestive tract burns		
Most important symptoms/effects, acute and	Direct skin contact may cause corrosive skin burns, deep ulcerations, and possibly permanent scarring.		
delayed	Direct contact with concentrated solutions may be corrosive to the eyes and may cause severe damage, including blindness. Symptoms may include stinging, tearing, redness, swelling, and blurr vision.		
	Inhalation of mists can cause severe respiratory irritation. Symptoms may include coughing, chokir and wheezing. Inhalation could result in pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed.		
	Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus, and possibly t digestive tract. Symptoms may include abdominal pain, vomiting, burns, perforations, bleedir		
Acute toxicity	Harmful if inhaled. See below for acute toxicity estimate (ATE) and individual ingredient acute toxic data.		
Mixture	Species	Test Results	
CAN Solution (CAS Mixture)			
Acute			
Inhalation			
$LC_{50}$	Rat	2.56 mg/L, 4 hours (mist)	
Components	Species	Test Results	
Sulfuric acid (CAS 7664-93-9)	opecies		
Acute			
Dermal			
LC <sub>50</sub>	Rat	510 mg/m <sup>3</sup> , 2 hours	
L <b>U</b> 50	nai	oro my/m, z nouis	

LD<sub>50</sub>

Rat

30	
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity (single exposure)	May cause respiratory irritation
Specific target organ toxicity (repeated exposure)	No data available
Aspiration hazard	No data available

# SECTION 12: Ecological information

This 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.

# SECTION 13: Disposal considerations

Collect and reclaim or dispose of in sealed containers at a licensed waste disposal site. Since emptied containers may retain product residue, follow label warnings even after container is emptied. This material and its container must be disposed of in a safe manner. Dispose of contents/container in accordance with local/regional/national/international regulations.

# **SECTION 14: Transport information**

DOT	
UN number	UN2796
UN proper shipping name	Sulphuric acid
Transport hazard class(es)	0
Class Subsidiary risk	8 Not listed
Label(s)	8
Packing group	ů I
Special precautions for user	Read safety instructions, SDS, and emergency procedures before handling.
Special provisions	A3, A7, B15, IB2, N6, N34, T8, TP2, TP12
Packaging exceptions	154
Packaging, non-bulk	202
Packaging, bulk	242
UN number UN proper shipping name	UN2796 Sulphuric acid
Transport hazard class(es)	Suphulic aciu
Class	8
Subsidiary risk	Not listed
Packing group	II
Environmental hazards	Not listed
ERG code	8L
Special precautions for user Other information	Read safety instructions, SDS, and emergency procedures before handling.
Passenger and cargo	Allowed
aircraft	Allowed
Cargo aircraft only	Allowed
IMDG	
UN number	UN2796
UN proper shipping name	Sulphuric acid
Transport hazard class(es)	
Class	8 Not listed
Subsidiary risk Packing group	II
Environmental hazards	11
Marine pollutant	Not listed
EmS	F-A, S-B
Special precautions for user	Read safety instructions, SDS, and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This substance/mixture is not intended to be transported in bulk.

DOT

IATA; IMDG



# SECTION 15: Regulatory information

## U.S. federal regulations

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

CERCLA Hazardous Substance (40 CFR 302.4) Sulfuric acid (CAS 7664-93-9)

SARA 302 Extremely Hazardous Substance Sulfuric acid (CAS 7664-93-9)

SARA 304 Emergency Release Notification Sulfuric acid (CAS 7664-93-9)

SARA 313 (TRI Reporting) Sulfuric acid (CAS 7664-93-9)

#### U.S. state regulations

Massachusetts Right-to-Know Act Sulfuric acid (CAS 7664-93-9)

New Jersey Worker and Community Right-to-Know Act Ammonium cerium (IV) nitrate (CAS 16774-21-3) Sulfuric acid (CAS 7664-93-9)

Pennsylvania Worker and Community Right-to-Know Act Ammonium cerium (IV) nitrate (CAS 16774-21-3) Sulfuric acid (CAS 7664-93-9)

Rhode Island Right-to-Know Act Sulfuric acid (CAS 7664-93-9)

## **SECTION 16: Other information**

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0
2
N/A

#### Disclaimer

The information in the Safety Data Sheet is offered for your consideration and guidance for safe handling, use, storage, transportation, disposal, and release of this product and is not considered a warranty or quality specification. Taylor Technologies, Inc., disclaims all expressed or implied warranties and assumes no responsibility for the accuracy of completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

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Last revisions July 2016



# **SAFETY DATA SHEET**

According to 29 CFR 1910.1200 Hazard Communication Standard 2012 (HazCom 2012)

# SECTION 1: Identification

Product identifier	
Product name	Ferroin Indicator
Product number	R-0819; R-0819-PL
Recommended use and restrictions	To be used in accordance with manufacturer instructions or under the direct guidance of the manufacturer.
Manufacturer	Taylor Technologies, Inc. 31 Loveton Circle Sparks, MD 21152 Phone: (410) 472-4340 Emergency phone: (800) 837-8548
ECTION 2: Hazard(s) ic	lentification

# S

Physical hazards	No data available
Health hazards	No data available
Environmental hazards	No data available
Label elements Hazard pictograms	No data available
Signal word	No data available
Hazard statements	No data available
Precautionary statements	
Prevention	No data available
Response	No data available
Storage	Keep tightly capped. Store out of direct sunlight between 36°F–85°F.
Disposal	No data available
Hazards not otherwise classified	Avoid contact with skin, eyes, or clothing. For contact with skin or eyes, flush 20 minutes with water. If ingested, contact physician or local poison control center. Treat symptoms as needed.

# SECTION 3: Composition/information on ingredients

Chemical name	Common name and synonyms	CAS number	%
Water	Dihydrogen oxide	7732-18-5	95–99
1,10-Phenanthroline monohydrate	o-Phenanthrolinemonohydrate	5144-89-8	0.1–5

# SECTION 4: First-aid measures

### If inhaled

Mixtura

Remove individual to fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops. Give oxygen or artificial respiration if needed.

#### In case of skin contact

Immediately flush skin with plenty of water for at least 20 minutes. If clothing comes in contact with the product, the clothing should be removed and laundered before reuse. Seek medical attention if irritation develops.

#### In case of eye contact

Immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses if present and easy to do. Continue rinsing. If symptoms persist or in all cases of concern, seek medical advice.

#### If swallowed

Rinse mouth. Never give anything by mouth to a person who is unconscious or is having convulsions. Do NOT induce vomiting unless directed by physician. If vomiting occurs, keep head low so that stomach content does not get into the lungs. If symptoms persist or in all cases of concern, seek medical advice.

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

Refer to section 2 and/or section 11 of the SDS for the most important known symptoms and effects.

# Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically.

## **General information**

Ensure medical personnel are aware of the material(s) involved and take precautions to protect themselves.

# SECTION 5: Firefighting measures

Extinguishing media Suitable extinguishing mediaUse extinguishing media appropriate for surrounding fire.Unsuitable extinguishing mediaDo not use a heavy water stream. Use of heavy stream of water may spread fire.Specific hazards arising from the substance or mixture Fire hazardNot flammableExplosion hazardNot explosiveReactivityHazardous reactions will not occur under normal conditions.Hazardous combustion productsCarbon oxides and nitrogen oxidesPrecautionary measuresExercise caution when fighting any chemical fire; hazardous fumes will be present.Firefighting equipment/instructionsUse water spray or fog for cooling exposed containers.Protection during firefighting Other informationDo not enter fire area without proper protective equipment, including respiratory protection.Refer to section 9 of the SDS for flammability properties.SECTION 6: Accidental release measures			
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ReactivityHazardous reactions will not occur under normal conditions.Hazardous combustion productsCarbon oxides and nitrogen oxidesAdvice for firefighters Precautionary measuresExercise caution when fighting any chemical fire; hazardous fumes will be present.Firefighting equipment/instructionsExercise caution when fighting exposed containers.Protection during firefighting Other informationDo not enter fire area without proper protective equipment, including respiratory protection.Refer to section 9 of the SDS for flammability properties.Refer to section 9 of the SDS for flammability properties.			
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Other information Refer to section 9 of the SDS for flammability properties.		5 5	Use water spray or fog for cooling exposed containers.
······································		Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6. Accidental release measures		Other information	Refer to section 9 of the SDS for flammability properties.
	SI.	CTION 6: Accidental rele	ase measures

# ECTION 6: Accidental release measures

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

Wear appropriate protective equipment and clothing during cleanup. Local authorities should be advised if significant spillages cannot be contained. For personal protective equipment, refer to section 8 of the SDS.

### **Environmental precautions**

Avoid discharge into drains, watercourses, or onto the ground.

#### Methods and material for containment and cleaning up

Dike the spilled material where this is possible. Stop leak if it can be done without risk. Absorb spillage to prevent material damage. Absorb in vermiculite, dry sand or earth, and place into containers. Prevent entry into waterways, sewer, basements, or confined areas. Following product recover, flush area with water. Never return spills to original containers for reuse. Contaminated absorbent material may pose the same hazards as the spilled product. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

### Reference to other sections

For exposure controls and personal protection, refer to section 8 of the SDS. For waste disposal, refer to section 13 of the SDS.

# SECTION 7: Handling and storage

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

Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. For personal protective equipment, refer to section 8 of the SDS. Keep away from incompatibles. Observe good industrial hygiene practices. Label containers appropriately.

#### Conditions for safe storage, including any incompatibilities

Keep tightly capped. Store out of direct sunlight between 36°F–85°F. Store away from incompatible materials (refer to section 10 of the SDS).

### SECTION 8: Exposure controls/personal protection

Occupational exposure limits No occupational exposure limits noted for the ingredient(s)

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

#### **Exposure controls**

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eyewash facilities and emergency shower must be available when handling this product. Personal protective equipment

Eye/face protection Skin protection Body protection Respiratory protection

Wear appropriate chemical safety goggles if contact is likely to occur.

Wear appropriate chemical-resistant gloves and clothing if contact is likely to occur.

Wear appropriate protective clothing.

In case of insufficient ventilation, wear suitable respiratory equipment. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fumes at levels exceeding the exposure limits. Advice should be sought from respiratory protection suppliers.

# SECTION 9: Physical and chemical properties

# Information on basic physical

and chemical properties Physical state	Liquid
Form	Liquid
Color	Dark red
Odor	Odorless
Odor threshold	No data available
рН	3.2
Evaporation rate	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	212°F (100°C)
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapor pressure	17 mm Hg
Relative vapor density	0.6
Solubility	Soluble in all proportions
Partition coefficient (n-octanol/water)	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
SECTION 10: Stability and r	eactivity
Reactivity	Hazardous reactions will not occur under normal conditions.
Chemical stability	Stable under recommended handling and storage conditions (refer to section 7 of the SDS)
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use
Conditions to avoid	Contact with incompatible materials. Do not use in areas without adequate ventilation.
Incompatible materials	Acids and strong oxidizing agents
SECTION 11: Toxicological	information
Information on toxicological	
effects Inhalation	May cause irritation to the respiratory system
Skin contact	May cause slight or mild transient irritation
Eye contact	May cause slight or mild transient irritation
Ingestion	May cause irritation, nausea, vomiting, and diarrhea
Most important symptoms/effects, acute and	Direct skin contact may cause slight or mild transient irritation. Symptoms may include redness and itching.
delayed	Direct eye contact may cause slight or mild transient irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
	Inhalation of mists can cause respiratory irritation. Symptoms may include coughing and breathing difficulties.

Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Acute toxicity

This product is not classified as an acute toxicity hazard. See below for individual ingredient acute toxicity data.

Components		Species	Test Results
1,10-Phenanthroline monohydra	ate (CAS 5144-89-8)		
Acute			
Oral			
LD <sub>50</sub>		Rat	132 mg/kg
Respiratory or skin sensitization	No data available		
Germ cell mutagenicity	No data available		
Carcinogenicity	No data available		
Reproductive toxicity	No data available		
Specific target organ toxicity (single exposure)	No data available		
Specific target organ toxicity (repeated exposure)	No data available		
Aspiration hazard	No data available		

# SECTION 12: Ecological information

This 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.

# SECTION 13: Disposal considerations

Collect and reclaim or dispose of in sealed containers at a licensed waste disposal site. Since emptied containers may retain product residue, follow label warnings even after container is emptied. This material and its container must be disposed of in a safe manner. Dispose of contents/container in accordance with local/regional/national/international regulations.

# **SECTION 14: Transport information**

No data available

# SECTION 15: Regulatory information

No data available

# **SECTION 16: Other information**

### **NFPA** Rating

i i i i i i i i i i i i i i i i i i i	
Health hazard	0
Fire hazard	0
Reactivity	0
Specific	N/A

## Disclaimer

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