



SAFETY DATA SHEET

Preparation Date: 8/2/2017 Revision date 1/31/2019 Revision Number: G2

1. IDENTIFICATION

Product identifier

H1024 **Product code:**

Product Name: HEXAMETHYLDISILAZANE, ELECTRONIC/CLEANROOM GRADE

Other means of identification

Bis(trimethylsilyl)amine Synonyms:

1,1,1,3,3,3-Hexamethyldisilazane

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)- (9CI)

1,1,1-Trimethyl-N-(trimethylsilyl)silanamine

CAS #: 999-97-3 JM9230000 RTECS# CI#: Not available

Recommended use of the chemical and restrictions on use

Chemical intermediate. Recommended use: Uses advised against No information available

Spectrum Chemical Mfg. Corp Supplier:

14422 South San Pedro St. Gardena, CA 90248

(310) 516-8000

Order Online At: https://www.spectrumchemical.com

Chemtrec 1-800-424-9300 Emergency telephone number

Tom Tyner (USA - West Coast) **Contact Person: Contact Person:** Ibad Tirmiz (USA - East Coast)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 3
Acute toxicity - Inhalation (Vapors)	Category 3
Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Flammable liquids	Category 2

Label elements

Danger

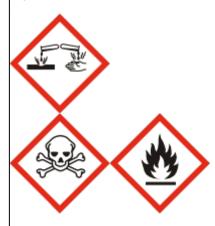
Product code: H1024 **Product name:** HEXAMETHYLDISILAZANE, Page

Hazard statements

Causes severe skin burns and eye damage Toxic in contact with skin Toxic if inhaled

Harmful if swallowed

Highly flammable liquid and vapor



Hazards not otherwise classified (HNOC)

Not Applicable

Other hazards

Not available

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Wear protective gloves/protective clothing/eye protection/face protection

Use only outdoors or in a well-ventilated area

Do not breathe dust/fume/gas/mist/vapors/spray

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use explosion-proof electrical/ventilating/lighting/.../equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Keep cool

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician

In case of fire: Use CO2, dry chemical, or foam to extinguish.

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

Immediately call a POISON CENTER or doctor/physician.

Call a POISON CENTER or doctor/physician if you feel unwell

Wash contaminated clothing before reuse

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

Do NOT induce vomiting

Product code: H1024

Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Product name: HEXAMETHYLDISILAZANE, **ELECTRONIC/CLEANROOM GRADE**

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	Weight-%
Hexamethyldisilazane	999-97-3	100

4. FIRST AID MEASURES

First aid measures

General Advice: National Capital Poison Center in the United States can provide assistance if you

have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. First aider needs to protect

himself.

Skin Contact: Wash off immediately with soap and plenty of water. Continue flushing with plenty of water

for at least 15 minutes. Remove all contaminated clothes and shoes. Immediate medical

attention is required. Call a physician immediately.

Eye Contact: Flush eyes with water for 15 minutes. Immediate medical attention is required. Call a

physician immediately.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial

respiration. WARNING! It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled or ingested material is toxic, infectious or corrosive. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is

required. Call a physician immediately.

Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an

unconscious person. Immediate medical attention is required. Call a physician or Poison

Control Center immediately.

Most important symptoms and effects, both acute and delayed

Symptoms Severe skin and eye irritation or burns

May cause burning or stinging sensation, redness of the skin, inflammation of the skin.

Contact with eyes may cause burning sensation, tearing, inflammation

May cause corneal injury Irritating to respiratory system May cause pulmonary edema May cause chemical pneumonitis

May cause inflammation and edema of the larynx and bronchi

It may cause chemical burns of the respiratory tract Causes serious gastrointestinal tract irritation or burns

Can burn mouth, throat, and stomach Burning sensation in the mouth and stomach

May cause abdominal pain, nausea, vomiting, diarrhea Dyspnea (Difficulty breathing and shortness of breath)

Respiratory depression May affect the liver

Narcosis Ataxia

Inhalation of high concentratons may cause loss of conciousness (anesthesia)

Indication of any immediate medical attention and special treatment needed

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Notes to Physician: Treat symptomatically.

Protection of first-aiders

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Carbon dioxide (CO2). Dry chemical. Water spray.

Alcohol-resistant foam.

Unsuitable Extinguishing Media: Do not use a solid (straight) water stream as it may scatter

and spread fire.

Specific hazards arising from the chemical

Hazardous combustion productsCarbon Monoxide, Carbon Dioxide. Nitrogen oxides (NOx).

Ammonia. Silicon oxides.

Specific hazards May be ignited by heat, sparks or flames. Vapor may travel

considerable distance to source of ignition and flash back. Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along the ground and collect in low or confined areas (sewers, basements, tanks). Container explosion may occur under fire conditions or when heated. Fire may produce irritating,

corrosive and/or toxic gases.

Special Protective Actions for Firefighters

Specific Methods: No information available

Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus

pressure-demand, MSHA/NIOSH (approved or equivalent)

and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid

contact with skin, eyes and clothing. Use personal protective equipment. Remove all sources of ignition. Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use spark-proof tools and explosion-proof equipment. In case of large spill, water spray or vapor suppressing foam may be used to reduce vapors, but may not prevent ignition in closed

spaces.

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent entry into waterways,

sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Absorb spill with inert material (e.g.

vermiculite, dry sand or earth). In case of large spill, dike if needed. Dike far

ahead of liquid spill for later disposal.

Methods for cleaning up

Use appropriate tools to put the spilled material in a suitable chemical waste

disposal container. Use only non-sparking tools. Clean contaminated surface

thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Technical Measures/Precautions:

Provide sufficient air exchange and/or exhaust in work rooms. Remove all sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from incompatible materials.

Safe Handling Advice

Wear personal protective equipment. Use only in well-ventilated areas. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Do not breathe vapors or spray mist. Do not ingest. When using do not smoke. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Technical Measures/Storage Conditions:

Moisture sensitive. Protect from moisture. Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Keep away from heat and sources of ignition. Store in a segregated and approved area. Store away from incompatible materials.

Incompatible Materials:

Acids

Bases

Oxidizing agents

Water

Strong reducing agents

Amines

Peroxides

Alcohols

isocyanates

Product code: H1024

Phenols

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

National occupational exposure limits

United States

Component	CAS No	OSHA	NIOSH	ACGIH	AIHA WEEL
Hexamethyldisilazane	999-97-3	None	None	None	None

Canada

Component	CAS No	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Hexamethyldisilazane	999-97-3	None	None	None	None

Australia and Mexico

Component	CAS No	Australia	Mexico
Hexamethyldisilazane	999-97-3	None	None

Appropriate engineering controls

Engineering measures to reduce exposure: Ensure adequate ventilation. Provide exhaust ventilation or

other engineering controls to keep the airborne

concentrations of vapors and mist below their respective

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threshold limit value.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

Eye protection: Goggles

Skin and body protection: Chemical resistant apron

Long sleeved clothing

Gloves

If working with large quantities: Chemical resistant protective suit

Respiratory protection: Vapor respirator. Be sure to use an approved/certified respirator or equivalent.

Hygiene measures: Avoid contact with skin, eyes and clothing. When using, do not eat, drink or

smoke. Wash hands before breaks and immediately after handling the product

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:Appearance:Color:LiquidNo information available.Colorless.

Odor:TasteFormulaAmmonia-like.No information available.C6H19NSi2

Molecular/Formula weight (g/mole): Flammability (solid, gas) Flashpoint (°C/°F): no data available 11-27 °C/52-81 °F

Product code: H1024 Product name:

Product name:HEXAMETHYLDISILAZANE,
ELECTRONIC/CLEANROOM GRADE

Flash Point Tested according to:

Closed cup

Autoignition Temperature (°C/°F):

325-330 °C/617-626 °F

0.070

Decomposition temperature(°C/°F):

Lower Explosion Limit (%):

0.8%

Upper Explosion Limit (%):

Boiling point/range(°C/°F):

31%

Melting point/range(°C/°F): -80 °C/-112 °F

No information available

Bulk density:

125 °C/257 °F

No information available

Density (g/cm3):No information available

Specific gravity:

0.76-0.777 @ 25 °C

рΗ

No information available

Vapor pressure @ 20°C (kPa):

1.3 @ 20 deg. C 1.84 @25 deg. C

Evaporation rate:

No information available

Vapor density:

No information available

VOC content (g/L):
No information available

Odor threshold (ppm): Partition coefficient

No information available

(n-octanol/water): log Kow = 2.62

Viscosity:

No information available

Miscibility:

No information available

Solubility: Insoluble in water

Soluble in Acetone Soluble in Benzene Soluble in Ether Soluble in Heptane

Soluble in Perchloroethylene

10. STABILITY AND REACTIVITY

Reactivity

No information available

Chemical stability

Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

<u>Conditions to avoid:</u> Heat. Ignition sources. Incompatible materials.

Incompatible Materials: Acids

Bases

Oxidizing agents

Water

Strong reducing agents

Amines Peroxides Alcohols isocyanates Phenols

Hazardous decomposition

products:

Carbon monoxide. Carbon dioxide. Nitrogen oxides (NOx). Silicon oxides.

Ammonia gas may be liberated at high temperatures.

Other Information

Corrosivity: No information available

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Special Remarks on Corrosivity: No information available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:

Ingestion. Inhalation. Skin.

Acute Toxicity

Component Information

Hexamethyldisilazane

CAS No 999-97-3

LD50/oral/rat = 813 mg/kg Oral LD50 Rat

LD50/oral/mouse = No information available

LD50/dermal/rabbit = 540 mg/kg Dermal LD50Rabbit; 1350 mg/kg; 710 ul/kg

LD50/dermal/rat = No information available

LC50/inhalation/rat = 8700 mg/m³ Inhalation LC50 Rat 4 h; 1516 ppm 6 h

LC50/inhalation/mouse = No information available

Other LD50 or LC50information = No information available

Product Information

LD50/oral/rat =

Value - Acute Tox = 850 mg/kg

LD50/oral/mouse =

Value - Acute Tox Oral = No information available

LD50/dermal/rabbit

Value - Acute Tox = 540 mg/kg

LD50/dermal/rat

VALUE - Acute Tox Dermal = No information available

LC50/inhalation/rat

VALUE-Vapor = 8.7 mg/l (4-hr)

VALUE-Gas = No information available

VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse

Product code: H1024

VALUE-Vapor = No information available

VALUE - Gas = No information available

VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: Causes severe irritation and burns. Toxic in contact with skin. Symptoms may

include redness, burning pain, and swelling/inflammation of the skin. Absorption

into the skin may affect behavior/central nervous system (somnolence).

Eye Contact: Severe eye irritation. Causes burns. May cause corneal injury. Symptoms may

evole by initiation based barrier may be a control injury. Symptome may

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include stinging, tearing, redness. May cause swelling (edema) of the conjunctiva.

InhalationToxic by inhalation. Irritating to respiratory system. May cause chemical burns to

the respiratory tract. May affect respiration (respiratory depression). It may affect

behavior/central nervous system (general anesthetic). It may affect the cardiovascular system (change in pulse rate). Inhalation may result in spasm,

inflammation and edema of the larynx and bronchi, pneumonitis, and pulmonary

edema.

Ingestion Harmful if swallowed. Causes digestive (gastrointestinal) tract irritation. Causes

digestive or gastrointestinal tract burns. May cause abdominal pain, nausea, vomiting, diarrhea. May cause difficulty breathing. May affect behavior/central

nervous system (ataxia).

Ingestion: May cause hyperexcitability followed by narcosis

Aspiration hazard No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic Toxicity Prolonged or repeated inhalation may affect the liver.

Sensitization: No information available.

Mutagenic Effects: No information available

Carcinogenic effects: Not considered carcinogenic.

Component	CAS No	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Hexamethyldisilazane	999-97-3	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

Reproductive toxicity No data is available

Reproductive Effects:No information availableDevelopmental Effects:No information availableTeratogenic Effects:No information available

Specific Target Organ Toxicity

STOT - single exposure
STOT - repeated exposure
Target Organs:

No information available.
No information available.
No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product code: H1024 Product name:
HEXAMETHYLDISILAZANE,
ELECTRONIC/CLEANROOM GRADE

Ecotoxicity effects: Aquatic environment.

Hexamethyldisilazane - 999-97-3

Fish LC50: =167mg/L (96h, Pimephales promelas)
Crustacea EC50: =186mg/L (48h, Daphnia magna)

Persistence and degradability: No information available

Bioaccumulative potential: Potential for bioconcentration in aquatic organisms is low.

Mobility in soilNo information availableOther adverse effectsNo information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste from residues / unused products:

Waste must be disposed of in accordance with Federal, State and Local regulation.

Contaminated packaging:

Empty containers should be taken for local recycling, recovery or waste disposal

Component	CAS No	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Series Wastes
Hexamethyldisilazane	999-97-3	None	None	None	None

14. TRANSPORT INFORMATION

DOT

UN-No: UN3286

Proper Shipping Name: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (hexamethyldisilazane)

Hazard Class 3
Subsidiary Class 6.1 8
Packing group: ||
Emergency Response Guide 131

Number

Marine Pollutant
DOT RQ (lbs):
No data available
No information available
IB2, T11, TP2, TP13, TP27

Symbol(s): [DOT]: (G) - Identifies proper shipping names for which one or more technical

names of the hazardous material must be entered in parentheses, in association

with the basic description.

Description: UN3286, FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S., 3 (6.1 8), II

TDG (Canada)

UN-No: UN3286

Proper Shipping Name: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (hexamethyldisilazane)

Hazard Class 3
Subsidiary Risk: 6.1, 8
Packing Group:

Marine Pollutant No Information available

Description: UN3286, FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S., 3 (6.1 8), II

ADR

Product code: H1024 Product name: Page

UN Number UN3286

Proper Shipping Name: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (hexamethyldisilazane)

Transport hazard class(es) 3
Packing group II
Subsidiary Risk: 6.1, 8
Special Provisions 274

Description: UN3286, FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S., 3 (6.1 8), II

IMDG

UN-No: UN3286

Proper Shipping Name: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (hexamethyldisilazane)

Hazard Class: 3
Subsidiary Risk: 6.1, 8
Packing Group: ||

Marine Pollutant No information available

EMS: F-E Special Provisions 274

Description UN3286, FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.

(HEXAMETHYLDISILAZANE), 3 (6.1 8), II

RID

UN Number UN3286

Proper Shipping Name: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (hexamethyldisilazane)

Transport hazard class(es) 3
Subsidiary Risk: 6.1, 8
Packing group II
Special Provisions 274

Description: UN3286, FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S., 3 (6.1 8), II

ICAO (air)

UN-No: UN3286

Proper Shipping Name: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (hexamethyldisilazane)

Hazard Class 3
Subsidiary Risk: 6.1, 8
Packing Group: ||

Description: UN3286, FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S., 3 (6.1 8), II

IATA

UN Number UN3286

Proper Shipping Name: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (hexamethyldisilazane)

Transport hazard class(es) 3
Subsidiary Risk: 6.1, 8
Packing group II
Precautionary Statements - 3CP

Response

Special Provisions No information available

Description: UN3286, FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S., 3 (6.1 8), II

15. REGULATORY INFORMATION

International Inventories

Component	CAS No	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	China IECSC	Australia AICS	EINECS-No.
Hexamethyldisilazane	999-97-3	PresentACTIV E	Present KE-34695	Present	Present (9)-1324,(2)-2 955,(2)-2044	Present	Present	Present 213-668-5

U.S. Regulations

Hexamethyldisilazane

New Jersey RTK Hazardous Substance List: SN 4183

California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.

Chemicals Known to the State of California to Cause Cancer:

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Chemicals Known to the State of California to Cause Reproductive Toxicity:

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Component	CAS No	Carcinogen	Developmental Toxicity	Male	Female
		_		Reproductive	Reproductive
				Toxicity	Toxicity:
Hexamethyldisilazane	999-97-3	Not Listed	Not Listed	Not Listed	Not Listed

CERCLA/SARA

Component	CAS No	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
Hexamethyldisilaza	999-97-3	None	None	None	None	None
ne						

U.S. TSCA

Component		· · · · · · · · · · · · · · · · · · ·	TSCA 8(d) -Health and Safety Reporting
Hexamethyldisilazane	999-97-3	Not Applicable	10/12/199306/30/1998

Canada

WHIMIS 2015 - GHS Classifications

WHMIS 2015 Hazard Classification Information:

The WHMIS 2015 classification of this product has not been validated or reviewed yet.

Canada Hazardous Products Regulation This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

DSL/NDSL

Component	CAS No	Canada (DSL)	Canada (NDSL)
Hexamethyldisilazane	999-97-3	Present	Not Listed

	Component	CAS No	CEPA Schedule I - Toxic Substances	
	Hexamethyldisilazane	999-97-3	Not listed	
ı	Component	CAS No	CEPA - 2010 Greenhouse Gases Subject	
			to Mandatory Reporting	
-	Hexamethyldisilazane	999-97-3	Not listed	

Product code: H1024 Product name:
HEXAMETHYLDISILAZANE,
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EU Classification

EU GHS - SV - CLP 1272/2008

Component	CAS No	EU GHS - SV - CLP (1272/2008)
Hexamethyldisilazane	999-97-3	No information

EU - CLP (1272/2008)

R-phrase(s)

Not determined

S -phrase(s)

none

Component	CAS No	Classification	Concentration Limits:	Safety Phrases
Hexamethyldisilazane	999-97-3	No information	No information	

The product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of danger:

not determined

16. OTHER INFORMATION

Preparation Date: 8/2/2017
Revision date 1/31/2019
Prepared by: Sonia Owen

Disclaimer: All chemicals may pose unknown hazards and should be used with caution. This

Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the

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End of Safety Data Sheet