

SAFETY DATA SHEET

Preparation Date: 6/29/15

Revision date 07/17/2019

Revision Number: G2

1. IDENTIFICATION

Product identifier

Product code: C1967
Product Name: CYCLOHEXANE, ANHYDROUS

Other means of identification

Synonyms: Benzene, hexahydro-
Hexahydrobenzene
Hexamethylene
Hexanaphthene
Ciclohexano (Spanish)
CAS #: 110-82-7
RTECS # GU6300000
Cl#: Not available

Recommended use of the chemical and restrictions on use

Recommended use: Solvent.
Uses advised against No information available

Supplier: Spectrum Chemical Mfg. Corp
14422 South San Pedro St.
Gardena, CA 90248
(310) 516-8000

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

Emergency telephone number Chemtrec 1-800-424-9300

Contact Person: Tom Tyner (USA - West Coast)

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 - Inhalation (Vapors)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2B
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1
Flammable liquids	Category 2

Label elements

Danger

Hazard statements

Harmful if inhaled
Causes skin irritation
Causes eye irritation
May cause drowsiness or dizziness
May be fatal if swallowed and enters airways
Highly flammable liquid and vapor

**Hazards not otherwise classified (HNOC)**

Not Applicable

Other hazards

Not available

Precautionary Statements - Prevention

Avoid breathing mist or vapors
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool
Wear protective gloves
Wear eye/face protection

Precautionary Statements - Response

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. If eye irritation persists: Get medical attention.
If skin irritation occurs: Get medical attention
IF ON SKIN (or hair): Remove/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. Call a POISON CENTER or physician if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER or physician
Do NOT induce vomiting

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

Dispose of contents and container to an approved waste disposal plant in accordance with local, regional, national and international regulations as applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	Weight-%
Cyclohexane	110-82-7	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.
Skin Contact:	Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention. If skin irritation persists, call a physician.
Eye Contact:	Flush eyes with water for 15 minutes. Get medical attention if irritation occurs.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
Ingestion:	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed

Symptoms	Causes skin irritation Causes eye irritation May cause drowsiness or dizziness Aspiration hazard if swallowed - can enter the lungs and cause damage May cause digestive (gastrointestinal) tract irritation Ingestion may cause nausea, vomiting, and diarrhea May cause chemical pneumonitis Central nervous system effects It may affect the kidneys May affect the liver
-----------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Indication of any immediate medical attention and special treatment needed

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 (CO ₂). Dry chemical. Water spray mist or 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 products	Carbon monoxide. Carbon dioxide (CO ₂).
Specific hazards	Highly flammable. May be ignited by heat, sparks or flames. Container explosion may occur under fire conditions or when heated. 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). 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. 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 product from entering drains. Do not let this chemical enter the environment. 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. Take precautionary measures against static discharges. 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:

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:

Oxidizing agents
Dinitrogen tetraoxide

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**National occupational exposure limits****United States**

Component	CAS No	OSHA	NIOSH	ACGIH	AIHA WEEL
Cyclohexane	110-82-7	300 ppm TWA 1050 mg/m ³ TWA	300 ppm TWA 1050 mg/m ³ TWA	100 ppm TWA	None

Canada

Component	CAS No	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Cyclohexane	110-82-7	100 ppm TWA 344 mg/m ³ TWA	100 ppm TWA	None	None

Australia and Mexico

Component	CAS No	Australia	Mexico
Cyclohexane	110-82-7	300 ppm STEL 1050 mg/m ³ STEL 100 ppm TWA 350 mg/m ³ TWA	100 ppm TWA

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 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
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:
Liquid

Appearance:
No information available.

Color:
Clear. Colorless.

Odor:

Taste

Formula

Product code: C1967

Product name: CYCLOHEXANE,
ANHYDROUS

Page 5 / 13

Molecular/Formula weight (g/mole): 84.16	Flammability (solid, gas) no data available	C6-H12 Flashpoint (°C/°F): -18 to -20°C/ -0.4 to 4°F
Flash Point Tested according to: Closed cup	Autoignition Temperature (°C/°F): 245 °C/473 °F	Lower Explosion Limit (%): 1.3%
Upper Explosion Limit (%): 8.4%	Melting point/range(°C/°F): 6.47 °C/43.6 °F	Decomposition temperature(°C/°F): No information available
Boiling point/range(°C/°F): 80.7 °C/177.3 °F	Bulk density: No information available	Density (g/cm3): 0.779-0.784 @ 20 °C
Specific gravity: 0.7781	pH No information available	Vapor pressure @ 20°C (kPa): 10.3-12.9
Evaporation rate: 6.1 (butyl acetate = 1) 2.6 (ether = 1)	Vapor density: 2.98	VOC content (g/L): 778-784
Odor threshold (ppm): 25	Partition coefficient (n-octanol/water): 3.44	Viscosity: No information available
Miscibility: Miscible with olive oil	Solubility: Insoluble in water Soluble in Ether Soluble in hot alcohol Soluble in Acetone	

10. STABILITY AND REACTIVITY

Reactivity

It can react vigorously, violently or explosively with oxidizers
When mixed hot with liquid dinitrogen tetraoxide an explosion can result

Chemical stability

Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

Conditions to avoid: Heat. Ignition sources. Incompatible materials.

Incompatible Materials: Oxidizing agents
Dinitrogen tetraoxide

Hazardous decomposition products: Carbon monoxide. Carbon dioxide. When heated to decomposition it emits acrid smoke and irritating fumes.

Other Information

Corrosivity: No information available

Special Remarks on Corrosivity: No information available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:

Ingestion. Skin. Inhalation.

Acute Toxicity

Component Information

Cyclohexane	
CAS No	110-82-7

LD50/oral/rat = 12705 mg/kg Oral LD50 Rat(LOLI); >5000 mg/kg (RTECS)

LD50/oral/mouse = 813 mg/kg

LD50/dermal/rabbit = >2000 mg/kg Dermal LD50Rabbit

LD50/dermal/rat = No information available

LC50/inhalation/rat = 13.9 mg/L Inhalation LC50 Rat 4 h

LC50/inhalation/mouse = 70000 mg/m³ 2 h

Other LD50 or LC50 information = No information available

Product Information

LD50/oral/rat =

Value - Acute Toxicity = > 5000 mg/kg

LD50/oral/mouse =

Value - Acute Tox = 813 mg/kg

LD50/dermal/rabbit

Value - Acute Toxicity = > 2000 mg/kg

LD50/dermal/rat

VALUE - Acute Tox = No information available

LC50/inhalation/rat

VALUE-Vapor = 13.9 mg/l (4-hr)

VALUE-Gas = No information available

VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse

VALUE-Vapor = 70000 mg/m³ 2 h

VALUE - Gas = No information available

VALUE - Dust/Mist = No information available

Symptoms

Skin Contact:

Causes skin irritation. It may be absorbed through the skin.

Eye Contact:

Causes eye irritation.

Inhalation

May cause irritation of respiratory tract. Inhalation of high concentrations of vapors may cause dizziness or suffocation. May cause nausea and headache. It may affect respiration (respiratory depression, respiratory paralysis). It may affect behavior/central nervous system (ataxia, general anesthetic, drowsiness). It may affect behavior/central nervous system (convulsions/seizures). May affect

behaviour/central nervous system (central nervous system depression, somnolence, analgesia, headache, dizziness, weakness, fatigue, loss of coordination, personality changes and passing out). May affect vision (blurred vision). May affect the brain.

Ingestion Aspiration hazard if swallowed. Aspiration into the lungs can cause chemical pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. It may affect behavior/central nervous system (drowsiness). May affect urinary system (kidneys).

Aspiration hazard May be fatal if swallowed and enters airways.

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

Chronic Toxicity Prolonged skin contact may defat the skin and produce dermatitis. Prolonged or repeated inhalation may affect the liver. Prolonged or repeated inhalation may affect the kidneys. Prolonged or repeated ingestion may affect the kidneys. Prolonged or repeated inhalation may cause central nervous system effects.

Sensitization: No information available.

Mutagenic Effects: May affect genetic material
Experiments with bacteria and/or yeast have shown mutagenic effects

Carcinogenic effects: Not considered carcinogenic.

Component	CAS No	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Cyclohexane	110-82-7	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 available
Developmental Effects: No information available
Teratogenic Effects: No information available

Specific Target Organ Toxicity

STOT - single exposure central nervous system.
STOT - repeated exposure No information available.
Target Organs: Skin. Liver. Kidneys. Central nervous system.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: Aquatic environment.

Cyclohexane - 110-82-7

Algae/aquatic plants

Fish

EC50: >500mg/L (72h, Desmodemus subspicatus)

LC50: 3.96 - 5.18mg/L (96h, Pimephales promelas) LC50: 23.03 - 42.07mg/L

(96h, Pimephales promelas) LC50: 24.99 - 44.69mg/L (96h, Lepomis macrochirus)

LC50: 48.87 - 68.76mg/L (96h, Poecilia reticulata)

EC50: >400mg/L (24h, Daphnia magna)

Crustacea

Persistence and degradability: It is highly resistant to biodegradation

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

Mobility in soil No information available

Other adverse effects No 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
Cyclohexane	110-82-7	None	None	None	U056 ignitable waste

14. TRANSPORT INFORMATION

DOT

UN-No: UN1145

Proper Shipping Name: Cyclohexane

Hazard Class 3

Subsidiary Class No information available

Packing group: II

Emergency Response Guide Number 128

Marine Pollutant No data available

DOT RQ (lbs): 1000

Special Provisions IB2, T4, TP1

Symbol(s): [DOT]: (R4) - Identifies a material that is a hazardous substance that has a reportable quantity (RQ) of 1000 pounds (454 Kilograms).

Description: UN1145, Cyclohexane, 3, II

TDG (Canada)

UN-No: UN1145

Proper Shipping Name: Cyclohexane

Hazard Class 3

Subsidiary Risk: No information available

Packing Group: II

Marine Pollutant No Information available

Description: UN1145, Cyclohexane, 3, II

ADR

UN Number UN1145

Product code: C1967

Product name: CYCLOHEXANE,
ANHYDROUS

Page 9 / 13

Proper Shipping Name: Cyclohexane
Transport hazard class(es) 3
Packing group II
Subsidiary Risk: No information available
Description: UN1145, Cyclohexane, 3, II, ENVIRONMENTALLY HAZARDOUS

IMDG

UN-No: UN1145
Proper Shipping Name: Cyclohexane
Hazard Class: 3
Subsidiary Risk: No information available
Packing Group: II
Marine Pollutant No information available
EMS: F-E
Description UN1145, Cyclohexane, 3, II, Marine pollutant

RID

UN Number UN1145
Proper Shipping Name: Cyclohexane
Transport hazard class(es) 3
Subsidiary Risk: 3
Packing group II
Description: UN1145, Cyclohexane, 3, II, ENVIRONMENTALLY HAZARDOUS

ICAO (air)

UN-No: UN1145
Proper Shipping Name: Cyclohexane
Hazard Class 3
Subsidiary Risk: No information available
Packing Group: II
Description: UN1145, Cyclohexane, 3, II

IATA

UN Number UN1145
Proper Shipping Name: Cyclohexane
Transport hazard class(es) 3
Subsidiary Risk: No information available
Packing group II
Precautionary Statements - Response 3H
Special Provisions No information available
Description: UN1145, Cyclohexane, 3, II

15. REGULATORY INFORMATION

International Inventories

Component	CAS No	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	China IECSC	Australia (AICS)	EINECS-No.
Cyclohexane	110-82-7	PresentACTIVE	Present KE-18562	Present	Present (3)-2233	Present	Present	Present 203-806-2

U.S. Regulations

Cyclohexane

Massachusetts RTK: Present
New Jersey RTK Hazardous Substance List: 0565
New Jersey (EHS) List: 0565 500 lb TPQ

New Jersey - Discharge Prevention - List of Hazardous Substances: Present

Pennsylvania RTK: Environmental hazard

Pennsylvania RTK - Environmental Hazard List Present

Minnesota - Hazardous Substance List: Present

New York Release Reporting - List of Hazardous Substances:

1000 lb RQ

1 lb RQ

Louisiana Reportable Quantity List for Pollutants: 1000lbfinal RQ

454kgfinal RQ

California Directors List of Hazardous Substances: Present

FDA - 21 CFR - Total Food Additives 175.105, 176.200, 178.3620, 73.1

- List Sourced from EAFUS

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 Reproductive Toxicity	Female Reproductive Toxicity:
Cyclohexane	110-82-7	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
Cyclohexane	110-82-7	1000 lb final RQ 454 kg final RQ	None	None	None	1.0 % de minimis concentration

U.S. TSCA

Component	CAS No	TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	TSCA 8(d) -Health and Safety Reporting
Cyclohexane	110-82-7	Not Applicable	Not Applicable

Canada

WHMIS 2015 - GHS Classifications

WHMIS 2015 Hazard Classification Information:

Component
Cyclohexane
110-82-7 (100)

WHMIS 2015 Hazard Classification
Flammable liquids - Category 2: H225 Highly flammable liquid and vapour.; Skin corrosion/irritation - Category 2: H315 Causes skin irritation.; Aspiration hazard - Category 1: H304 May be fatal if swallowed and enters airways.

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

Product code: C1967

Product name: CYCLOHEXANE,
ANHYDROUS

Page 11 / 13

Component	CAS No	Canada (DSL)	Canada (NDSL)
Cyclohexane	110-82-7	Present	Not Listed

Component	CAS No	CEPA Schedule I - Toxic Substances
Cyclohexane	110-82-7	Not listed
Component	CAS No	CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting
Cyclohexane	110-82-7	Not listed

EU Classification

EU GHS - SV - CLP 1272/2008

Component	CAS No	EU GHS - SV - CLP (1272/2008)
Cyclohexane	110-82-7	Flammable liquids - Flam. Liq. 2: H225 Highly flammable liquid and vapour.; Skin corrosion/irritation - Skin Irrit. 2: H315 Causes skin irritation.; Specific target organ toxicity - Single exposure - STOT SE 3: H336 May cause drowsiness or dizziness.; Aspiration hazard - Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.; Hazardous to aquatic environment - acute hazard - Aquatic Acute 1: H400 Very toxic to aquatic life.; Hazardous to aquatic environment - chronic hazard - Aquatic Chronic 1: H410 Very toxic to aquatic life with long lasting effects.601-017-00-1

EU - CLP (1272/2008)

R-phrase(s)

R11 - Highly flammable

R38 - Irritating to skin

R65 - Harmful: may cause lung damage if swallowed

R67 - Vapors may cause drowsiness and dizziness.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S -phrase(s)

S 9 - Keep container in a well-ventilated place.

S16 - Keep away from sources of ignition - No smoking

S25 - Avoid contact with eyes

S33 - Take precautionary measures against static discharges

S60 - This material and its container must be disposed of as hazardous waste

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

Component	CAS No	Classification	Concentration Limits:	Safety Phrases
Cyclohexane	110-82-7	F; R11 Xi; R38 N; R50-53 Xn; R65 R67	No information	S9 S16 S25 S33 S60 S61 S62

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

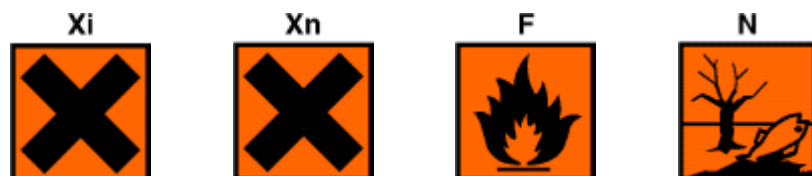
Indication of danger:

F - Highly flammable

Xn - Harmful

Xi - Irritant

N - Dangerous for the environment

**16. OTHER INFORMATION**

Preparation Date: 6/29/15
Revision date 07/17/2019
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 completeness or accuracy of the information contained herein.

End of Safety Data Sheet