1. IDENTIFICATION

Product code: ME170
Product Name: METHYL SALICYLATE, NF

Other means of identification
Synonyms:
2-Hydroxybenzoic acid methyl ester; Benzoic acid, 2-hydroxy-, methyl ester;
o-Hydroxybenzoic acid, methyl ester; 2-Carbomethoxyphenol;
2-(Methoxycarbonyl)phenol;
Synthetic Wintergree Oil; Wintergreen Oil, synthetic

CAS #: 119-36-8
RTECS # VO4725000
Cl#: Not available

Recommended use of the chemical and restrictions on use
Recommended use: No information available.
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)

<table>
<thead>
<tr>
<th>Acute toxicity - Oral</th>
<th>Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2A</td>
</tr>
</tbody>
</table>

Label elements

Warning

Hazard statements
Harmful if swallowed
Causes skin irritation
Causes serious eye irritation

Product code: ME170
Product name: METHYL SALICYLATE, NF
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
Wear eye/face protection

Precautionary Statements - Response
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 ON SKIN: Wash with plenty of water
If skin irritation occurs: Get medical attention
Take off contaminated clothing and wash it before reuse
IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell
Rinse mouth

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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td>100</td>
</tr>
</tbody>
</table>

### 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.

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

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

Most important symptoms and effects, both acute and delayed
Symptoms

Causes serious eye irritation
Causes skin irritation
Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea
Central nervous system effects

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 (CO2). Dry chemical. Water spray mist or foam.

Unsuitable Extinguishing Media: No information available.

Specific hazards arising from the chemical

Hazardous combustion products Carbon Monoxide, Carbon Dioxide.
Specific hazards May be combustible at high temperatures.

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. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protective equipment. Remove all sources of ignition.

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. 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 Absorb spill with inert material (e.g. vermiculite, dry sand or earth). Use appropriate tools to put the spilled material in a suitable chemical waste disposal container.
7. HANDLING AND STORAGE

Precautions for safe handling

**Technical Measures/Precautions:**
Provide sufficient air exchange and/or exhaust in work rooms. Keep away from incompatible materials.

**Safe Handling Advice**
Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Do not ingest. Do not breathe vapors or spray mist. 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. Store away from incompatible materials.

**Incompatible Materials:**
Alkalis
Oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**National occupational exposure limits**

**United States**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>OSHA</th>
<th>NIOSH</th>
<th>ACGIH</th>
<th>AIHA WEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**Canada**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Canada - Alberta</th>
<th>Canada - British Columbia</th>
<th>Canada - Ontario</th>
<th>Canada - Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**Australia and Mexico**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Australia</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**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
Gloves
Long sleeved clothing

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

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product When using, do not eat, drink or smoke.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Oily</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless, reddish, yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>Wintergreen</td>
</tr>
<tr>
<td>Taste</td>
<td>Wintergreen</td>
</tr>
<tr>
<td>Molecular/Formula weight (g/mole)</td>
<td>152.15</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash Point Tested according to</td>
<td>Closed cup</td>
</tr>
<tr>
<td>Autoignition Temperature (°C/°F)</td>
<td>454°C/849.2°F</td>
</tr>
<tr>
<td>Upper Explosion Limit (%)</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point/range(°C/°F)</td>
<td>-8.6°C/16.5°F</td>
</tr>
<tr>
<td>Boiling point/range(°C/°F)</td>
<td>220°-224°C/428°-435.2°F</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.18-1.185 @ 25°C</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor threshold (ppm)</td>
<td>No information available</td>
</tr>
<tr>
<td>Miscibility</td>
<td>Miscible with alcohol</td>
</tr>
<tr>
<td>Solubility</td>
<td>Solubility in Water: 0.74%</td>
</tr>
<tr>
<td>Miscible with glacial Acetic Acid</td>
<td>Soluble in Chloroform</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Soluble in diethyl ether</td>
</tr>
<tr>
<td>Density (g/cm3)</td>
<td>Very slightly soluble in cold water</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
</tr>
<tr>
<td>Flashpoint (°C/°F)</td>
<td>96°C/204.8°F</td>
</tr>
<tr>
<td>Autoignition Temperature (°C/°F)</td>
<td>454°C/849.2°F</td>
</tr>
<tr>
<td>Lower Explosion Limit (%)</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature(°C/°F)</td>
<td>No information available</td>
</tr>
<tr>
<td>Density (g/cm3)</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure @ 20°C (kPa)</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>VOC content (g/L)</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Reactivity**
- Reactive with alkaLS
- Reactive with oxidizing agents

**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: Alkalis
Oxidizing agents

Hazardous decomposition products:
Carbon oxides.

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:
Eyes. Skin. Ingestion.

Acute Toxicity

Component Information

Methyl Salicylate
CAS No 119-36-8

LD50/oral/rat = 887 mg/kg Oral LD50 Rat
LD50/oral/mouse = 1110 mg/kg Oral LD50 Mouse
LD50/dermal/rabbit = >5000 mg/kg Dermal LD50 Rabbit
LD50/dermal/rat = 2500 mg/kg
LC50/inhalation/rat = No information available
LC50/inhalation/mouse = No information available
Other LD50 or LC50 information = No information available

Product Information

LD50/oral/rat =
Value - Acute Tox = 887 mg/kg

LD50/oral/mouse =
Value - Acute Tox Oral = 1110 mg/kg

LD50/dermal/rabbit
Value - Acute Tox = > 5000 mg/kg

LD50/dermal/rat
VALUE - Acute Tox Dermal = 2500 mg/kg

LC50/inhalation/rat
VALUE-Vapor = No information available
VALUE-Gas = No information available
VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse
VALUE-Vapor = No information available
VALUE - Gas = No information available

Product code: ME170
Product name: METHYL SALICYLATE, NF
Page 6 / 12
VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: Causes moderate to severe skin irritation. It can be absorbed through skin.

Eye Contact: Causes serious eye irritation.

Inhalation May cause respiratory tract irritation.

Ingestion Harmful if swallowed. May cause gastrointestinal tract irritation with nausea, vomiting, diarrhea, gastric ulceration, heartburn, dyspepsia, hyperpyrexia, sweating, thirst. May affect behavior/Central Nervous system (headache, excitation, dizziness, lassitude, drowsiness, mental confusion, convulsions, coma), respiration (hyperventilation, hyperpnea, dyspnea, pulmonary edema), ears (ringing in the ears), eyes (dimness of vision), blood (hemorrhage).

Aspiration hazard No information available.

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

Chronic Toxicity Ingestion: Prolonged or repeated ingestion may cause weight loss, and also affect the blood (changes in white and red blood cell count), urinary system (kidneys), heart, liver, musculoskeletal system as well as other symptoms similar to acute ingestion. Inhalation: Prolonged or repeated inhalation may affect the blood (changes in red and white cell blood count).

Sensitization: No information available.

Mutagenic Effects: Mutations in microorganisms
Experiments with bacteria and/or yeast have shown mutagenic effects

Carcinogenic effects: Not considered carcinogenic.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>IARC</th>
<th>ACGIH - Carcinogens</th>
<th>NTP</th>
<th>OSHA HCS - Carcinogens</th>
<th>Australia - Notifiable Carcinogenic Substances</th>
<th>Australia - Prohibited Carcinogenic Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

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: May cause adverse developmental effects based on animal data
Teratogenic Effects: No information on developmental toxicity effects on humans was found

Specific Target Organ Toxicity

STOT - single exposure No information available.
STOT - repeated exposure No information available.

Product code: ME170 Product name: METHYL SALICYLATE, NF
12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: Aquatic environment.

*Methyl Salicylate* - 119-36-8

**Crustacea**

50 mg/L EC50 Daphnia magna 24 h

Persistence and degradability:

1. TERRESTRIAL FATE: If released on soil, methyl salicylate would readily leach. It would also be expected to partially volatilize from dry soil and photolyze on the soil surface. Based on the results of screening tests, it would be expected to readily biodegrade. Chemical hydrolysis may be important in alkaline soil. (SRC) [Peer Reviewed]


3. ATMOSPHERIC FATE: Methyl salicylate reacts with photochemically-produced hydroxyl radicals in the atmosphere resulting in an estimated half-life of 1.4 days (1,SRC). It is fairly soluble in water, 7400 mg/L(2) and may be washed out by rain. [Peer Reviewed] [(1) Meylan WM, Howard PH; Chemosphere 26: 2293-9 (1993) (2) Riddick JA et al; Organic Solvents 4th ed; NY, NY: Wiley (1986)]

Biodegradation: Methyl salicylate in a five day BOD test exhibited a value of 55-57% of the theoretical BOD(1,2). Another 5-day BOD determination yielded 65% of the theoretical BOD(3). Methyl salicylate was completely degraded by a microbial mixture when incubated for 7 days at 30 deg C(4). Significant biodegradation of methyl salicylate in the environment would be expected from this result; however no data concerning biodegradation in natural waters or soil could be located. [Peer Reviewed] [(1) Maggio P et al; Ind Carta 14:105-11 (1976) (2) Maggio P et al; Tintoria 73:15-20 (1976) (3) Crespi-Rosell M, Cegarra-Sanchez J; Bol Inst Invest Text Coop Ind 77: 41-57 (1980) (4) Goulding C et al; J Appl Bact 65: 1-5 (1988)]

(The above information was obtained from the Hazardous Substance Bank)

Bioaccumulative potential: No information available.

Mobility in soil: No information available

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

**Product code:** ME170  **Product name:** METHYL SALICYLATE, NF
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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
- UN-No: Not Regulated
- Proper Shipping Name: No information available
- Hazard Class: No information available
- Subsidiary Class: No information available
- Packing group: No information available
- Emergency Response Guide Number: No information available
- Marine Pollutant: No data available
- DOT RQ (lbs): No information available
- Special Provisions: No Information available
- Symbol(s): No information available
- Description: No information available

TDG (Canada)
- UN-No: Not Regulated
- Proper Shipping Name: No information available
- Hazard Class: No information available
- Subsidiary Risk: No information available
- Packing Group: No information available
- Marine Pollutant: No Information available
- Description: No information available

ADR
- UN Number: Not regulated
- Proper Shipping Name: No information available
- Transport hazard class(es): No information available
- Packing: No information available
- Subsidiary Risk: No information available

IMDG
- UN-No: Not Regulated
- Proper Shipping Name: No information available
- Hazard Class: No information available
- Subsidiary Risk: No information available
- Packing Group: No information available
- Marine Pollutant: No information available

RID
- UN Number: Not Regulated
- Proper Shipping Name: No information available
- Transport hazard class(es): No information available
- Subsidiary Risk: No information available
- Packing group: No information available

Product code: ME170  Product name: METHYL SALICYLATE, NF  Page 9 / 12
ICAO (air)
UN-No: Not Regulated
Proper Shipping Name: No information available
Hazard Class: No information available
Subsidiary Risk: No information available
Packing Group: No information available

IATA
UN Number: Not Regulated
Proper Shipping Name: No information available
Transport hazard class(es): No information available
Subsidiary Risk: No information available
Packing group: No information available
Precautionary Statements - Response: No information available
Special Provisions: No information available

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>U.S. TSCA</th>
<th>KOREA KECL</th>
<th>Philippines (PICCS)</th>
<th>Japan ENCS</th>
<th>China IECSC</th>
<th>Australia (AICS)</th>
<th>EINECS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td>Present ACTIV E</td>
<td>Present KE-20378</td>
<td>Present (3)-1585</td>
<td>Present</td>
<td>Present</td>
<td>Present 204-317-7</td>
<td></td>
</tr>
</tbody>
</table>

U.S. Regulations

Methyl Salicylate
Pennsylvania RTK: Present
FDA - 21 CFR - Total Food Additives 175.105, 177.1010
- List Sourced from EAFUS


Chemicals Known to the State of California to Cause Cancer:
WARNING: This product contains a chemical known to the State of California to cause cancer. (See table below)

Chemicals Known to the State of California to Cause Reproductive Toxicity:
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm (See table below)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Carcinogen</th>
<th>Developmental Toxicity</th>
<th>Male Reproductive Toxicity</th>
<th>Female Reproductive Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

CERCLA/SARA

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>CERCLA - Hazardous Substances and their Reportable Quantities</th>
<th>Section 302 Extremely Hazardous Substances and TPQs</th>
<th>Section 302 Extremely Hazardous Substances and RQs</th>
<th>Section 313 - Chemical Category</th>
<th>Section 313 - Reporting de minimis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

U.S. TSCA

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>TSCA Section 5(a)2 - Chemicals</th>
<th>TSCA 8(d) - Health and Safety</th>
</tr>
</thead>
</table>

Product code: ME170
Product name: METHYL SALICYLATE, NF
Page 10 / 12
Canada

WHIMIS 2015 - GHS Classifications

WHIMIS 2015 Hazard Classification Information:

Component | WHMIS 2015 Hazard Classification
---|---
Methyl Salicylate 119-36-8 (100) | Acute toxicity - Oral - Category 4: H302 Harmful if swallowed;
Reproductive Toxicity - Category 1: H360 May damage fertility or the unborn child.

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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Canada (DSL)</th>
<th>Canada (NDSL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td>Present</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Classification</th>
<th>Concentration Limits:</th>
<th>Safety Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Salicylate</td>
<td>119-36-8</td>
<td></td>
<td>No information</td>
<td></td>
</tr>
</tbody>
</table>

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

Indication of danger:
Xi - Irritant
Xn - Harmful

Product code: ME170  Product name: METHYL SALICYLATE, NF
16. OTHER INFORMATION

Preparation Date: 12/21/2015
Revision date 10/31/2018
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