SAFETY DATA SHEET

Preparation Date: 2/22/2019
Revision date: 2/22/2019
Revision Number: G1

1. IDENTIFICATION

Product identifier

Product code: M1274
Product Name: METHYL METHACRYLATE

Other means of identification

Synonyms:
2-(Methoxycarbonyl)-1-propene
2-Methyl-2-propenoic acid methyl ester
2-Propenoic acid, 2-methyl-, methyl ester
Acrylic acid, 2-methyl-, methyl ester
Methacrylate de methyle (French)
Methacrylsauremethyl ester (German)
Methyl 2-methyl-2-propenoate
Methyl alpha-methylacrylate
Methyl-2-methyl-2-propenoate
Methyl-2-methylpropenoate
Methyl-methacrylat (German)
Methylmethacrylaat (Dutch)
Metil metacrilato (Italian)

CAS #: 80-62-6
RTECS #: OZ5075000
CI#: Not available

Recommended use of the chemical and restrictions on use

Recommended use: Chemical intermediate.
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>Substance</th>
<th>Classification</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 2B</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Product code: M1274
Product name: METHYL METHACRYLATE
Skin sensitization  Category 1
Flammable liquids Category 2

Label elements

Danger

Hazard statements
Causes skin irritation
Causes eye irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
Highly flammable liquid and vapor

Hazards not otherwise classified (HNOC)
Not Applicable

Other hazards
May be harmful if inhaled
Heat, moisture, and oxidizers may cause violent polymerization

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Wear eye/face protection
Wear protective gloves
In case of inadequate ventilation wear respiratory protection
Contaminated work clothing must not be allowed out of the workplace
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

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 advice/attention.
If skin irritation or rash occurs: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Precautionary Statements - Storage
Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product code: M1274
Product name: METHYL METHACRYLATE

Page
### Component Table

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</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 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

<table>
<thead>
<tr>
<th>Symptoms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Causes eye irritation</td>
</tr>
<tr>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>Irritating to respiratory system</td>
</tr>
<tr>
<td>May cause coughing and shortness of breath</td>
</tr>
<tr>
<td>May cause pulmonary edema</td>
</tr>
<tr>
<td>May cause central nervous system effects</td>
</tr>
<tr>
<td>Difficulty with concentration</td>
</tr>
<tr>
<td>Dizziness</td>
</tr>
<tr>
<td>Irritability</td>
</tr>
<tr>
<td>Narcosis</td>
</tr>
<tr>
<td>It may affect the peripheral nervous system</td>
</tr>
<tr>
<td>Paresthesia (numbness and tingling of the extremities)</td>
</tr>
<tr>
<td>Weakness</td>
</tr>
<tr>
<td>May affect the cardiovascular system</td>
</tr>
<tr>
<td>Hypotension</td>
</tr>
<tr>
<td>May affect the liver</td>
</tr>
<tr>
<td>It may affect the kidneys</td>
</tr>
<tr>
<td>Causes digestive (gastrointestinal) tract irritation</td>
</tr>
<tr>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>May cause allergic respiratory reaction</td>
</tr>
</tbody>
</table>

**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.

**Product code:** M1274  
**Product name:** METHYL METHACRYLATE
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 dioxide (CO2). Carbon monoxide.

**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:** Water mist may be used to cool closed containers Do not get water inside containers For larger fires, use water spray or fog. Cool containers with flooding quantities of water until well after fire is out

**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. Do not get water inside containers. Do not get water on material itself.

**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. In case of large spill, dike if needed. Dike far ahead of liquid spill for later disposal.

**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).

**Methods for cleaning up** Use appropriate tools to put the spilled material in a suitable chemical waste disposal container. Use clean non-sparking tools to collect absorbed material. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

**Technical Measures/Precautions:** Provide sufficient air exchange and/or exhaust in work rooms. Remove all sources of ignition. To avoid ignition of

Product code: M1274  Product name: METHYL METHACRYLATE
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:**

**Incompatible Materials:**
- Oxidizing agents
- Nitrates
- Peroxides
- Benzoyl peroxide
- Strong acids
- Strong bases
- Reducing agents
- Amines
- Moisture

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### 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>
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</thead>
<tbody>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</td>
<td>100 ppm TWA</td>
<td>100 ppm TWA</td>
<td>100 ppm STEL</td>
<td>None</td>
</tr>
</tbody>
</table>

|                       |         | 410 mg/m³ TWA | 410 mg/m³ TWA | 50 ppm TWA  |

**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>
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<tbody>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</td>
<td>50 ppm TWA</td>
<td>50 ppm TWA</td>
<td>100 ppm STEL</td>
<td>None</td>
</tr>
</tbody>
</table>

|                       |         | 205 mg/m³ TWA   | 410 mg/m³ TWA            |                 |

**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 Methacrylate</td>
<td>80-62-6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

|                       |         | 100 ppm STEL | 50 ppm TWA |

**Appropriate engineering controls**

**Engineering measures to reduce exposure:**
Ensure adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne.

**Product code:** M1274  
**Product name:** METHYL METHACRYLATE
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: Colorless.

Taste: No information available.

Molecular/Formula weight (g/mole): 100.13
Flammability (solid, gas) Highly flammable
Flashpoint (°C/°F): 10 °C/ 50 °F
Lower Explosion Limit (%): 1.7%
Autoignition Temperature (°C/°F): 435 °C/815 °F
Decomposition temperature(°C/°F): No information available
Melting point/range(°C/°F): -48 °C/-54 °F
Density (g/cm3): 0.93 @ 25 deg. C.
Boiling point/range(°C/°F): 98-101 °C/208-214 °F
Vapor pressure @ 20°C (kPa): 4.7

Miscibility:
Miscible with Ether
Miscible with Ethanol
Miscible with Acetone

Solubility:
Soluble in Chloroform
Soluble in most organic solvents
Soluble in Methyl Ethyl Ketone
Soluble in Tetrahydrofuran(THF)
Soluble in esters
Readily soluble in aromatic hydrocarbons
Sparingly soluble in water

Product code: M1274
Product name: METHYL METHACRYLATE
10. STABILITY AND REACTIVITY

Reactivity
No information available

Chemical stability


Possibility of Hazardous Reactions: Hazardous polymerization does not occur


Incompatible Materials: Oxidizing agents
Nitrates
Peroxides
Benzoyl peroxide
Strong acids
Strong bases
Reducing agents
Amines
Moisture

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:
Eyes. Skin. Ingestion. Inhalation.

Acute Toxicity

Component Information

Methyl Methacrylate
CAS No: 80-62-6

LD50/oral/rat = 8420 - 10000 mg/kg Oral LD50 Rat; 7872 mg/kg Oral LD50 Rat
LD50/oral/mouse = 3625 mg/kg
LD50/dermal/rabbit = > 5 g/kg Dermal LD50 Rabbit; 5000 - 7500 mg/kg Dermal LD50 Rabbit
LD50/dermal/rat = No information available
LC50/inhalation/rat = 400 ppm Inhalation LC50 Rat 1 h
4632 ppm Inhalation LC50 Rat 4 h
7093 ppm Inhalation LC50 Rt 4 h
LC50/inhalation/mouse = No information available
Other LD50 or LC50 information = No information available

Product Information

LD50/oral/rat =
Value - Acute Tox = 7872 mg/kg

LD50/oral/mouse =
Value - Acute Tox Oral = 3625 mg/kg

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

LD50/dermal/rat
VALUE - Acute Tox Dermal = No information available

LC50/inhalation/rat
VALUE - Vapor = No information available
VALUE - Gas = 7093 ppm (4-hr)
VALUE - Dust/Mist = No information available

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

Symptoms

Skin Contact: Causes skin irritation. Skin contact may cause feeling of numbness, coldness and pain.

Eye Contact: Causes eye irritation.

Inhalation
Irritating to respiratory system. Exposure to vapor or mist causes eye irritation. Symptoms may include coughing and shortness of breath. It may cause pulmonary edema. May cause trouble concentrating. May affect behavior and cause irritability. May cause reduced memory. May affect behavior/central nervous system (dizziness, lightheadedness, passing out). May affect behavior/central nervous system (narcosis). May cause cardiovascular system effects. May cause hypotension and heart failure.

Ingestion
Causes digestive (gastrointestinal) tract irritation.

Aspiration hazard
No information available.

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

Chronic Toxicity
Skin: Sensitizer. May cause allergic skin reaction (allergic contact dermatitis). Prolonged or repeated inhalation may cause allergic reaction. Chronic exposure may affect the liver and kidneys. Chronic exposure may affect the peripheral nervous system (peripheral neuropathy with muscle weakness, paresthesia - a sensation of tingling, pricking, or numbness of the skin (known as the feeling of "pins and needles" generally of the hands and feet (extremities).

Sensitization:
May cause sensitization by inhalation and skin contact.

Product code: M1274 Product name: METHYL METHACRYLATE
Mutagenic Effects: No information available

Carcinogenic effects: Not considered carcinogenic. Not classifiable as to its carcinogenicity to humans.

<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>
</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: No information available

Teratogenic Effects: No information available

Specific Target Organ Toxicity

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Target Organs: No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: Aquatic environment.

Methyl Methacrylate - 80-62-6

Algae/aquatic plants EC50: =170mg/L (96h, Pseudokirchneriella subcapitata)

LC50: 243 - 275mg/L (96h, Pimephales promelas) LC50: 125.5 - 190.7mg/L (96h, Pimephales promelas) LC50: 170 - 206mg/L (96h, Lepomis macrochirus) LC50: 153.9 - 341.8mg/L (96h, Lepomis macrochirus) LC50: >79mg/L (96h, Oncorhynchus mykiss) LC50: 326.4 - 426.9mg/L (96h, Poecilia reticulata)

Fish

EC50: =69mg/L (48h, Daphnia magna)

Crustacea

Persistence and degradability: No information available

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

Mobility in soil It is expected to have very high mobility based on estimated Koc

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Product code: M1274

Product name: METHYL METHACRYLATE
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

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>U162 ignitable waste, toxic waste</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
UN-No: UN1247
Proper Shipping Name: Methyl methacrylate monomer, stabilized
Hazard Class: 3
Subsidiary Risk: No information available
Packing Group: II
Emergency Response Guide Number: 129P
Marine Pollutant: No data available
DOT RQ (lbs): No information available
Special Provisions: 387, IB2, T4, TP1
Symbol(s): No information available
Description: UN1247, Methyl methacrylate monomer, stabilized, 3, II

TDG (Canada)
UN-No: UN1247
Proper Shipping Name: Methyl methacrylate monomer, stabilized
Hazard Class: 3
Subsidiary Risk: No information available
Packing Group: II
Marine Pollutant: No Information available
Description: UN1247, Methyl methacrylate monomer, stabilized, 3, II

ADR
UN Number: UN1247
Proper Shipping Name: Methyl methacrylate monomer, stabilized
Transport hazard class(es): 3
Packing group: II
Subsidiary Risk: No information available
Special Provisions: 386
Description: UN1247, Methyl methacrylate monomer, stabilized, 3, II

IMDG
UN-No: UN1247
Proper Shipping Name: Methyl methacrylate monomer, stabilized
Hazard Class: 3
Subsidiary Risk: No information available
Packing Group: II
Marine Pollutant: No information available
EMS: F-E
Special Provisions: 386
Description: UN1247, Methyl methacrylate monomer, stabilized, 3, II

Product code: M1274  Product name: METHYL METHACRYLATE
RID
UN Number: UN1247
Proper Shipping Name: Methyl methacrylate monomer, stabilized
Transport hazard class(es): 3
Subsidiary Risk: No information available
Packing group: II
Special Provisions: 386
Description: UN1247, Methyl methacrylate monomer, stabilized, 3, II

ICAO (air)
UN-No: UN1247
Proper Shipping Name: Methyl methacrylate monomer, stabilized
Hazard Class: 3
Subsidiary Risk: No information available
Packing Group: II
Description: UN1247, Methyl methacrylate monomer, stabilized, 3, II
Special Provisions: A209

IATA
UN Number: UN1247
Proper Shipping Name: Methyl methacrylate monomer, stabilized
Transport hazard class(es): 3
Subsidiary Risk: No information available
Packing group: II
Precautionary Statements - Response: 3L
Special Provisions: No information available
Description: UN1247, Methyl methacrylate monomer, stabilized, 3, II

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 Methacrylate</td>
<td>80-62-6</td>
<td>PresentACTIVE</td>
<td>Present KE-25050</td>
<td>Present (2)-1036</td>
<td>Present</td>
<td>Present</td>
<td>Present</td>
<td>Present 201-297-1</td>
</tr>
</tbody>
</table>

U.S. Regulations

Methyl Methacrylate
- Massachusetts RTK: Present
- New Jersey RTK Hazardous Substance List: 1277
- New Jersey (EHS) List: 1277 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: Listed
- California Directors List of Hazardous Substances: Present
- FDA - 21 CFR - Total Food Additives: 175.105, 175.300, 175.320, 175.360, 176.170, 176.180, 177.1010, 177.1030, 177.1200, 177.1630, 177.1830, 177.2000, 177.2420, 177.2465, 178.3790
- List Sourced from EAFUS: 177.1630, 177.1830, 177.2000, 177.2420, 177.2465, 178.3790


Chemicals Known to the State of California to Cause Cancer:

Product code: M1274
Product name: METHYL METHACRYLATE
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)

<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>
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</thead>
<tbody>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</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>
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</thead>
<tbody>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</td>
<td>1000 lb final RQ 454 kg final RQ</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>1.0 % de minimis concentration</td>
</tr>
</tbody>
</table>

### U.S. TSCA

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)</th>
<th>TSCA 8(d) - Health and Safety Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

### Canada

**WHIMIS 2015 - GHS Classifications**

WHIMIS 2015 Hazard Classification Information:

**Component**
Methyl Methacrylate 80-62-6 (100)

WHIMIS 2015 Hazard Classification
Flammable liquids - Category 2: H225 Highly flammable liquid and vapour.; Skin corrosion/irritation - Category 2: H315 Causes skin irritation.; Serious Eye Damage/Eye Irritation - Category 2B: H320 Causes eye irritation.; Skin sensitizers - Category 1A: H317 May cause allergic skin reaction.; Specific target organ toxicity - Single exposure - Category 3: H335 May cause respiratory irritation.

**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>
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<tbody>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</td>
<td>Present</td>
<td>Not Listed</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>CEPA Schedule I - Toxic Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

**EU Classification**

EU GHS - SV - CLP 1272/2008

**Product code:** M1274  **Product name:** METHYL METHACRYLATE
<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>EU GHS - SV - CLP (1272/2008)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</td>
<td>Flammable liquids - Flam. Liq. 2: H225</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Highly flammable liquid and vapour.; Skin corrosion/irritation - Skin Irrit. 2:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>H315 Causes skin irritation.; Skin sensitizers - Skin Sens. 1: H317 May</td>
</tr>
<tr>
<td></td>
<td></td>
<td>cause allergic skin reaction.; Specific target organ toxicity - Single exposure</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3: H335 May cause respiratory irritation.607-035-00-6</td>
</tr>
</tbody>
</table>

EU - CLP (1272/2008)

**R-phrase(s)**
- R11 - Highly flammable
- R43 - May cause sensitization by skin contact
- R37/38 - Irritating to respiratory system and skin

**S-phrase(s)**
- S 2 - Keep out of the reach of children.
- S24 - Avoid contact with skin
- S37 - Wear suitable gloves
- S46 - If swallowed, seek medical advice immediately and show this container or label

<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 Methacrylate</td>
<td>80-62-6</td>
<td>F: R11 Xi: R37/38 R43</td>
<td>No information</td>
<td>S: (2)-24-37-46</td>
</tr>
</tbody>
</table>

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

**Indication of danger:**
- F - Highly flammable
- Xi - Irritant

### 16. OTHER INFORMATION

**Preparation Date:** 2/22/2019  
**Revision date:** 2/22/2019  
**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

**Product code:** M1274  
**Product name:** METHYL METHACRYLATE
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