SAFETY DATA SHEET

1. Identification
Product identifier: Motor Medic Thrust Starting Fluid
Other means of identification
- SDS number: M3815
- Part No.: M3815
- Tariff code: 2909.11.0000
Recommended use: Starting Fluid
Recommended restrictions: None known.
Manufacturer/Importer/Supplier/Distributor information
Manufacturer
- Company name: RSC Chemical Solutions
- Address: 600 Radiator Road
  Indian Trail, NC 28079
  United States
- Telephone: Customer Service: (704) 821-7643
  Technical: (704) 684-1811
- Website: www.rscbrands.com
- E-mail: sds@rscbrands.com
Emergency phone number
- Emergency Telephone: (303) 623-5716
- Emergency Contact: RMPDC (877-740-5015)

2. Hazard(s) identification
Physical hazards: Flammable aerosols
Health hazards
- Acute toxicity, oral: Category 4
- Skin corrosion/irritation: Category 2
- Serious eye damage/eye irritation: Category 2B
- Carcinogenicity: Category 1B
- Specific target organ toxicity, single exposure: Category 3 narcotic effects
- Specific target organ toxicity, repeated exposure: Category 2
Environmental hazards
- Hazardous to the aquatic environment, acute hazard: Category 1
- Hazardous to the aquatic environment, long-term hazard: Category 1
OSHA defined hazards: Not classified.
Label elements
- Signal word: Danger
Precautionary statement

Prevention
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response
If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.

Storage
Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)
None known.

Supplemental information
81.58% of the mixture consists of component(s) of unknown acute oral toxicity. 26.34% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 26.34% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane</td>
<td></td>
<td>142-82-5</td>
<td>70 - &lt; 80</td>
</tr>
<tr>
<td>ETHANE, 1,1'-OXYBIS-</td>
<td></td>
<td>60-29-7</td>
<td>10 - &lt; 20</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td></td>
<td>124-38-9</td>
<td>5 - &lt; 10</td>
</tr>
<tr>
<td>Distillates (petroleum),</td>
<td></td>
<td>64742-53-6</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Hydrotreated Light Naphthenic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distillate (petroleum)</td>
<td></td>
<td>64742-52-5</td>
<td>&lt; 1</td>
</tr>
</tbody>
</table>

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact
Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion
Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn’t get into the lungs. Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information
IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media
Powder. Alcohol resistant foam. Carbon dioxide (CO2).

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire fighting equipment/instructions

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards

Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Keep combustibles (wood, paper, oil, etc.) away from spilled material. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Dioxide (CAS 124-38-9)</td>
<td>PEL</td>
<td>9000 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), Hydrotreated Light Naphthenic (CAS 64742-53-6)</td>
<td>PEL</td>
<td>5 mg/m3</td>
<td>Mist.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2000 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>
### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANE, 1,1'-OXYBIS- (CAS 60-29-7)</td>
<td>PEL</td>
<td>500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1200 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>400 ppm</td>
<td></td>
</tr>
<tr>
<td>Heptane (CAS 142-82-5)</td>
<td>PEL</td>
<td>2000 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>500 ppm</td>
<td></td>
</tr>
<tr>
<td>Hydrotreated Heavy Naphthenic Distillate (petroleum) (CAS 64742-52-5)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Mist.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2000 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>500 ppm</td>
<td></td>
</tr>
</tbody>
</table>

### US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Dioxide (CAS 124-38-9)</td>
<td>STEL</td>
<td>30000 ppm</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), Hydrotreated Light Naphthenic (CAS 64742-53-6)</td>
<td>TWA</td>
<td>5000 ppm</td>
<td></td>
</tr>
<tr>
<td>ETHANE, 1,1'-OXYBIS- (CAS 60-29-7)</td>
<td>STEL</td>
<td>500 ppm</td>
<td></td>
</tr>
<tr>
<td>Heptane (CAS 142-82-5)</td>
<td>TWA</td>
<td>400 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>400 ppm</td>
<td></td>
</tr>
<tr>
<td>Hydrotreated Heavy Naphthenic Distillate (petroleum) (CAS 64742-52-5)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
</tbody>
</table>

### US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Dioxide (CAS 124-38-9)</td>
<td>STEL</td>
<td>54000 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>30000 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9000 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5000 ppm</td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), Hydrotreated Light Naphthenic (CAS 64742-53-6)</td>
<td>Ceiling</td>
<td>1800 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Heptane (CAS 142-82-5)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
<tr>
<td></td>
<td>Ceiling</td>
<td>1800 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>440 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>350 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>85 ppm</td>
<td></td>
</tr>
<tr>
<td>Hydrotreated Heavy Naphthenic Distillate (petroleum) (CAS 64742-52-5)</td>
<td>Ceiling</td>
<td>1800 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

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

Eye/face protection
Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

Hand protection
Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other
Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection
Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance
Liquid. Clear.

Physical state
Liquid.

Form
Aerosol.

Color
Colorless

Odor
Ester-like.

Odor threshold
Not available.

pH
Not available.

Melting point/freezing point
-189.94 °F (-123.3 °C) estimated

Initial boiling point and boiling range
-109.3 °F (-78.5 °C) estimated

Flash point
-1.0 °F (-18.3 °C) Tag Closed Cup

Evaporation rate
Not available.

Flammability (solid, gas)
Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
1.9 % estimated

Flammability limit - upper (%)
36.5 % estimated

Explosive limit - lower (%)
Not available.

Explosive limit - upper (%)
Not available.

Vapor pressure
4083.55 hPa estimated

Vapor density
Not available.

Relative density
Not available.

Solubility(ies)

Solubility (water)
Partial Solubility

Partition coefficient (n-octanol/water)
Not available.

Auto-ignition temperature
320 °F (160 °C) estimated

Decomposition temperature
Not available.

Viscosity
Not available.

Other information

Density
5.75 lbs/gal

Explosive properties
Not explosive.

Flammability class
Flammable IA estimated

Heat of combustion (NFPA 30B)
30.83 kJ/g estimated

Oxidizing properties
Not oxidizing.

Percent volatile
18.42 % estimated

Specific gravity
0.69
10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Material is stable under normal conditions.

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

Conditions to avoid
Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials
Strong oxidizing agents. Aluminum.

Hazardous decomposition products
No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation
May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Skin contact
Causes skin irritation.

Eye contact
Causes eye irritation.

Ingestion
Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Information on toxicological effects

Acute toxicity
Harmful if swallowed. Narcotic effects.

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANE, 1,1’-OXYBIS- (CAS 60-29-7)</td>
<td></td>
</tr>
<tr>
<td>Acute Inhalation</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
</tr>
<tr>
<td>Oral LD50</td>
<td>Rat</td>
</tr>
<tr>
<td>Heptane (CAS 142-82-5)</td>
<td></td>
</tr>
<tr>
<td>Acute Inhalation</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/eye irritation
Causes eye irritation.

Respiratory or skin sensitization

Respiratory sensitization
Not a respiratory sensitizer.

Skin sensitization
This product is not expected to cause skin sensitization.

Germ cell mutagenicity
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity
May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity
ETHANE, 1,1’-OXYBIS- (CAS 60-29-7) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens
Distillates (petroleum), Hydrotreated Light Naphthenic (CAS 64742-53-6) Known To Be Human Carcinogen.
Hydrotreated Heavy Naphthenic Distillate (petroleum)  Known To Be Human Carcinogen.
(CAS 64742-52-5)

Reproductive toxicity  This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure  May cause drowsiness and dizziness.
Specific target organ toxicity - repeated exposure  Not classified.
Aspiration hazard  Not an aspiration hazard.
Chronic effects  Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity  Very toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANE, 1,1'-OXYBIS- (CAS 60-29-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas) 2560 mg/l, 96 hours</td>
</tr>
<tr>
<td>Heptane (CAS 142-82-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Mozambique tilapia (Tilapia mossambica) 375 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

Persistence and degradability  No data is available on the degradability of this product.

Bioaccumulative potential

<table>
<thead>
<tr>
<th>Partition coefficient n-octanol / water (log Kow)</th>
<th>ETHANE, 1,1'-OXYBIS-</th>
<th>0.89</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Heptane</td>
<td>4.66</td>
</tr>
</tbody>
</table>

Mobility in soil  No data available.

Other adverse effects  No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions  Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations  Dispose in accordance with all applicable regulations.

Hazardous waste code  The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products  Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging  Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14. Transport information

DOT  Not available.

UN number  Consumer Commodity

UN proper shipping name  Consumer Commodity

Transport hazard class(es)  ORM-D

Class  -

Subsidiary risk  -

Packing group  Not applicable.

Environmental hazards  -

Marine pollutant  Yes

Special precautions for user  Read safety instructions, SDS and emergency procedures before handling.
Special provisions  T75, TP5
Packaging exceptions  306
Packaging non bulk  304
Packaging bulk  314, 315

IATA
UN number  UN1950
UN proper shipping name  Aerosols, Flammable (Starting Fluid)
Transport hazard class(es)
  Class  2.1
  Subsidiary risk  -
Packaging group  Not applicable.
Environmental hazards  Yes
ERG Code  9L
Special precautions for user  Read safety instructions, SDS and emergency procedures before handling.
Other information
  Passenger and cargo aircraft  Allowed.
  Cargo aircraft only  Allowed.

IMDG
UN number  UN1950
UN proper shipping name  Aerosols (Limited Qty)
Transport hazard class(es)
  Class  2.1
  Subsidiary risk  -
Packaging group  Not applicable.
Environmental hazards
  Marine pollutant  Yes
EmS  F-D, S-U
Special precautions for user  Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IATA; IMDG

Marine pollutant

General information  IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant.

15. Regulatory information
US federal regulations  This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
ETHANE, 1,1’-OXYBIS- (CAS 60-29-7) Listed.
Heptane (CAS 142-82-5) Listed.

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
ETHANE, 1,1’-OXYBIS- (CAS 60-29-7)
Safe Drinking Water Act (SDWA)
Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
ETHANE, 1,1’-OXYBIS- (CAS 60-29-7) 6584
Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
ETHANE, 1,1’-OXYBIS- (CAS 60-29-7) 35 %WV
DEA Exempt Chemical Mixtures Code Number
ETHANE, 1,1’-OXYBIS- (CAS 60-29-7) 6584

US state regulations
US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)
Not listed.
US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))
Distillates (petroleum), Hydrotreated Light Naphthenic (CAS 64742-53-6)
Hydrotreated Heavy Naphthenic Distillate (petroleum) (CAS 64742-52-5)
US. Massachusetts RTK - Substance List
Carbon Dioxide (CAS 124-38-9)
Distillates (petroleum), Hydrotreated Light Naphthenic (CAS 64742-53-6)
ETHANE, 1,1’-OXYBIS- (CAS 60-29-7)
Heptane (CAS 142-82-5)
Hydrotreated Heavy Naphthenic Distillate (petroleum) (CAS 64742-52-5)
US. New Jersey Worker and Community Right-to-Know Act
Carbon Dioxide (CAS 124-38-9)
ETHANE, 1,1’-OXYBIS- (CAS 60-29-7)
Heptane (CAS 142-82-5)
US. Pennsylvania Worker and Community Right-to-Know Law
Carbon Dioxide (CAS 124-38-9)
ETHANE, 1,1’-OXYBIS- (CAS 60-29-7)
Heptane (CAS 142-82-5)
US. Rhode Island RTK
ETHANE, 1,1’-OXYBIS- (CAS 60-29-7)
US. California Proposition 65
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSEL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s).
A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date       05-07-2015
Revision date    11-03-2015
Version #        05

HMIS® ratings
Health: 2
Flammability: 4
Physical hazard: 0

NFPA ratings
Health: 2
Flammability: 4
Instability: 0

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision Information
Physical & Chemical Properties: Multiple Properties
Transport Information: Material Transportation Information