Thermal Charge EGSE Concentrate Heat Transfer Fluid
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision date: 03/13/2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product form : Mixture
Product name : Thermal Charge EGSE Concentrate Heat Transfer Fluid

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture : Heat transfer fluid

1.3. Details of the supplier of the safety data sheet
Old World Industries, LLC
4065 Commercial Ave.
Northbrook, IL 60062 - USA
T (847) 559-2000
www.oldworldind.com

1.4. Emergency telephone number
Emergency number : (800) 424-9300; (703) 527 3887 (International)
Chemtrec

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Acute toxicity (oral), Category 4 : H302
Specific target organ toxicity — Repeated exposure, Category 2 : H373
Full text of H statements : see section 16

2.2. Label elements

GHS-US labelling
Hazard pictograms (GHS-US) :

![](GHS07.png) ![](GHS08.png)

Signal word (GHS-US) : Warning
Hazard statements (GHS-US) : H302 - Harmful if swallowed
                                    H373 - May cause damage to organs (kidneys) through prolonged or repeated exposure (oral)
Precautionary statements (GHS-US) : P201 - Obtain special instructions before use
                                    P202 - Do not handle until all safety precautions have been read and understood
                                    P260 - Do not breathe mist, spray, vapors
                                    P264 - Wash affected areas thoroughly after handling
                                    P270 - Do not eat, drink or smoke when using this product
                                    P280 - Wear personal protective equipment as required
                                    P301+P310 - If swallowed: Immediately call doctor/physician or poison center
                                    P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting
                                    P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
                                    P308+P313 - If exposed or concerned: Get medical advice/attention
                                    P405 - Store locked up
                                    P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS US)
No data available
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Protection during firefighting

Firefighting instructions

Reactivity

Suitable extinguishing media

Unsuitable extinguishing media

Fire hazard

Extinguishing media

Special hazards arising from the substance or mixture

Advice for firefighters

First aid measures after ingestion

First aid measures after inhalation

First aid measures after skin contact

First aid measures after eye contact

First aid measures general

Most important symptoms and effects, both acute and delayed

Symptoms/injuries

Symptoms/injuries after skin contact

Symptoms/injuries after eye contact

Symptoms/injuries after ingestion

Indication of any immediate medical attention and special treatment needed

A more effective intravenous antidote for physician uses is 4-methylpyrazole, a potent inhibitor of alcohol dehydrogenases, which effectively blocks the formation of toxic metabolites of ethylene glycol. It has been used to decrease the metabolic consequences of ethylene glycol poisoning before metabolic acidosis coma, seizures, and renal failure have occurred.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media

Fire hazard

Reactivity

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Firefighting instructions

Protection during firefighting

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First aid measures after ingestion

Obtain emergency medical attention. Rinse mouth. If the person is fully conscious, make him/her drink two glasses of water. Never give an unconscious person anything to drink. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell. If medical advice is delayed, and if the person has swallowed a moderate volume of material (a few ounces), then give three to four ounces of hard liquor, such as whiskey. For children, give proportionally less liquor, according to weight.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries

Causes damage to organs (kidneys) Oral.

Symptoms/injuries after skin contact

Causes skin irritation.

Symptoms/injuries after eye contact

Causes serious eye damage.

Symptoms/injuries after ingestion

Swallowing a small quantity of this material will result in serious health hazard. The lethal dose in humans is estimated to be 100 mL (3 oz).

4.3. Indication of any immediate medical attention and special treatment needed

A more effective intravenous antidote for physician uses is 4-methylpyrazole, a potent inhibitor of alcohol dehydrogenases, which effectively blocks the formation of toxic metabolites of ethylene glycol. It has been used to decrease the metabolic consequences of ethylene glycol poisoning before metabolic acidosis coma, seizures, and renal failure have occurred.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% by wt</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethylene glycol</td>
<td>(CAS No) 107-21-1</td>
<td>90 - 97</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td>diethylene glycol</td>
<td>(CAS No) 111-46-6</td>
<td>&lt; 5</td>
<td>Acute Tox. 4 (Oral), H302 STOT RE 2, H373</td>
</tr>
<tr>
<td>water</td>
<td>(CAS No) 7732-18-5</td>
<td>&lt; 4</td>
<td>Not classified</td>
</tr>
<tr>
<td>denatonium benzoate</td>
<td>(CAS No) 3734-33-6</td>
<td>30 - 50 ppm</td>
<td>Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335</td>
</tr>
</tbody>
</table>

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**SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection. Refer to section 8.2.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Store away from other materials.

6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

**SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash affected areas thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep container closed when not in use. Product may become solid at temperatures below -18 °C (0 °F). Do not store near food, foodstuffs, drugs or potable water supplies. Do not cut, drill, weld, use a blowtorch on, etc. containers even when empty.

Incompatible products: Keep away from strong acids, strong bases and oxidizing agents.

Incompatible materials: Sources of ignition.

7.3. Specific end use(s)

No additional information available

**SECTION 8: Exposure controls/personal protection**

8.1. Control parameters

<table>
<thead>
<tr>
<th>ethylene glycol (107-21-1)</th>
<th>ACGIH</th>
<th>ACGIH TWA (mg/m³)</th>
<th>10 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>Remark (ACGIH)</td>
<td>Upper Respiratory Tract (URT) &amp; Eye irritant</td>
<td></td>
</tr>
</tbody>
</table>

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure. Gloves. Safety glasses.

Hand protection:

Wear protective gloves

Eye protection:

Chemical goggles or safety glasses
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Respiratory protection:
Respiratory protection not required in normal conditions. If exposed to levels above exposure limits wear appropriate respiratory protection.

Other information:
Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic 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>Color</td>
<td>Fuschia</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH 50% water solution</td>
<td>10 - 11</td>
</tr>
<tr>
<td>Reserve Alkalinity</td>
<td>6 - 7.5 ml</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>Nil</td>
</tr>
<tr>
<td>Freezing point</td>
<td>-18 °C (0 °F)</td>
</tr>
<tr>
<td>Boiling point</td>
<td>158 °C (317 °F)</td>
</tr>
<tr>
<td>Flash point</td>
<td>116 °C (241 °F) [100% Ethylene Glycol] ASTM D56</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>400 °C (752 °F) [100% Ethylene Glycol] Literature</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&lt; 0.1 mm Hg @ 20 °C</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.12</td>
</tr>
<tr>
<td>Density</td>
<td>1.12 kg/l (9.34 lbs/gal)</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: Complete</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>3.2 - 15.3 vol %</td>
</tr>
</tbody>
</table>

9.2. Other information

VOC content: 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reactions known under normal conditions of use.

10.2. Chemical stability
Stable.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Extremely high or low temperatures. Keep away from any flames or sparking source.
10.5. Incompatible materials
Keep away from strong acids, strong bases and oxidizing agents.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Oral: Harmful if swallowed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>denatonium benzoate (3734-33-6)</td>
<td></td>
</tr>
<tr>
<td>LD50 oral rat</td>
<td>584.00 mg/kg (Rat; Literature study)</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 2,000.00 mg/kg (Rabbit; Literature study)</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>584.00 mg/kg bodyweight</td>
</tr>
<tr>
<td>diethylene glycol (111-46-6)</td>
<td></td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>11,890.00 mg/kg (Rabbit)</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>500.00 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE US (dermal)</td>
<td>11,890.00 mg/kg bodyweight</td>
</tr>
<tr>
<td>ethylene glycol (107-21-1)</td>
<td></td>
</tr>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 5,000.00 mg/kg (Rat; Literature study)</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>500.00 mg/kg bodyweight</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation

<table>
<thead>
<tr>
<th>Substance</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/irritation</td>
<td></td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td></td>
</tr>
</tbody>
</table>

Reproductive toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td></td>
</tr>
</tbody>
</table>

Specific target organ toxicity (repeated exposure)

<table>
<thead>
<tr>
<th>Substance</th>
<th>May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).</th>
</tr>
</thead>
</table>

Aspiration hazard

<table>
<thead>
<tr>
<th>Substance</th>
<th>Not classified</th>
</tr>
</thead>
</table>

Potential adverse human health effects and symptoms

<table>
<thead>
<tr>
<th>Substance</th>
<th>Based on available data, the classification criteria are not met.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symptoms/injuries after skin contact</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Symptoms/injuries after eye contact</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>Symptoms/injuries after ingestion</td>
<td>Swallowing a small quantity of this material will result in serious health hazard. The lethal dose in humans is estimated to be 100 mL (3 oz).</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

<table>
<thead>
<tr>
<th>Substance</th>
<th>No additional information available.</th>
</tr>
</thead>
</table>

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Substance</th>
<th>Persistence and degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>denatonium benzoate (3734-33-6)</td>
<td>Biodegradability in water: no data available. No (test) data on mobility of the substance available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance</th>
<th>Persistence and degradability</th>
</tr>
</thead>
</table>

Biochemical oxygen demand (BOD)

<table>
<thead>
<tr>
<th>Substance</th>
<th>0.02 g O₂/g substance</th>
</tr>
</thead>
</table>

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### Chemical Oxygen Demand (COD)
- diethylene glycol (111-46-6)
  - Chemical oxygen demand (COD) 1.51 g O₂/g substance
  - ThOD 1.51 g O₂/g substance
  - BOD (% of ThOD) 0.02
- ethylene glycol (107-21-1)
  - Chemical oxygen demand (BOD) 0.47 g O₂/g substance
  - Chemical oxygen demand (COD) 1.24 g O₂/g substance
  - ThOD 1.29 g O₂/g substance
  - BOD (% of ThOD) 0.36

### Bioaccumulative Potential
- diethylene glycol (111-46-6)
  - Bioaccumulative potential Low potential for bioaccumulation (BCF < 500).
- ethylene glycol (107-21-1)
  - BCF fish 1 10.00 (BCF; 72 h)
  - BCF other aquatic organisms 1 0.21 - 0.6 (BCF)
  - BCF other aquatic organisms 2 190.00 (BCF; 24 h)
  - Log Pow -1.34 (Experimental value)
  - Bioaccumulative potential Low potential for bioaccumulation (BCF < 500).

### Mobility in Soil
- diethylene glycol (111-46-6)
  - Surface tension 0.05 N/m
  - Log Koc Koc,SRC PCKOCWIN v1.66; 1; Calculated value; log Koc; SRC PCKOCWIN v1.66; 0; Calculated value
- ethylene glycol (107-21-1)
  - Surface tension 0.05 N/m (20 °C / 68 °F)

### Other Adverse Effects
- Effect on ozone layer: No known effect on the ozone layer
- Effect on global warming: No known effects from this product.
- Other information: Avoid release to the environment.

### SECTION 13: Disposal Considerations
#### Waste Treatment Methods
- Product/Packaging disposal recommendations: Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations.
- Ecology - waste materials: Avoid release to the environment.

### SECTION 14: Transport Information
#### Department of Transportation (DOT)
- In accordance with DOT
- Transport document description: UN3082 Environmentally hazardous substances, liquid, n.o.s., 9, III
- UN-No.(DOT): UN3082
- Proper Shipping Name (DOT): Environmentally hazardous substances, liquid, n.o.s.
- Class (DOT): 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140
- Packing group (DOT): III - Minor Danger
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Hazard labels (DOT) : 9 - Class 9 (Miscellaneous dangerous materials)

DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
DOT Packaging Bulk (49 CFR 173.xxx) : 241
DOT Symbols : G - Identifies PSN requiring a technical name
DOT Packaging Exceptions (49 CFR 173.xxx) : 155
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : No limit
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : No limit
DOT Vessel Stowage Location : A - The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.

Other information : Non Bulk: Not regulated by the US D.O.T. (in quantities under 5,000 lbs in any one inner package).

TDG
Refer to current TDG Canada for further Canadian regulations

Transport by sea
Proper Shipping Name (IMDG) : Not regulated by IMDG (in quantities under 5,000 lbs in any one inner package)

Air transport
Proper Shipping Name (IATA) : Not regulated by IATA (in quantities under 5,000 lbs in any one inner package)

SECTION 15: Regulatory information

15.1. US Federal regulations

Thermal Charge EGSE Concentrate Heat Transfer Fluid

\[
\begin{array}{|c|c|}
\hline
\text{EPA TSCA Regulatory Flag} & \text{Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed} \\
\hline
\text{denatonium benzoate (3734-33-6)} & \text{Listed on the United States TSCA (Toxic Substances Control Act) inventory} \\
\hline
\text{diethylene glycol (111-46-6)} & \text{Listed on the United States TSCA (Toxic Substances Control Act) inventory} \\
\hline
\text{ethylene glycol (107-21-1)} & \text{Listed on the United States TSCA (Toxic Substances Control Act) inventory} \\
& \text{Subject to reporting requirements of United States SARA Section 313} \\
\hline
\text{EPA TSCA Regulatory Flag} & \text{T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.} \\
\hline
\text{CERCLA RQ} & \text{5000 lb(s)} \\
\hline
\text{SARA Section 311/312 Hazard Classes} & \text{Immediate (acute) health hazard} \\
& \text{Delayed (chronic) health hazard} \\
& \text{Ethylene glycol is subject to Tier I and/or Tier II annual inventory reporting.} \\
\hline
\text{SARA Section 313 - Emission Reporting} & \text{Ethylene glycol is subject to Form R Reporting requirements.} \\
\hline
\text{water (7732-18-5)} & \text{Listed on the United States TSCA (Toxic Substances Control Act) inventory} \\
\hline
\end{array}
\]

15.2. International regulations

CANADA

Thermal Charge EGSE Concentrate Heat Transfer Fluid

\[
\begin{array}{|c|c|}
\hline
\text{WHMIS Classification} & \text{This SDS has been prepared according to the criteria of the Hazardous Products Regulations (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR. Applicable GHS information is listed in section 2.2 of this SDS.} \\
\hline
\end{array}
\]

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EU-Regulations
No additional information available

National regulations

<table>
<thead>
<tr>
<th>Thermal Charge EGSE Concentrate Heat Transfer Fluid</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL (Canada): The intentional ingredients of this product are listed</td>
</tr>
<tr>
<td>ECL (South Korea): The intentional ingredients of this product are listed</td>
</tr>
<tr>
<td>EINECS (Europe): The intentional ingredients of this product are listed</td>
</tr>
<tr>
<td>ENCS (Japan): The intentional ingredients of this product are listed</td>
</tr>
</tbody>
</table>

15.3. US State regulations

California Proposition 65 - This product contains, or may contain, substance(s) known to the state of California to cause cancer, developmental toxicity and/or reproductive toxicity

ethylene glycol (107-21-1)

<table>
<thead>
<tr>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>Non-significant risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

diethylene glycol (111-46-6)

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

ethylene glycol (107-21-1)

<table>
<thead>
<tr>
<th>U.S. - Massachusetts - Right To Know List</th>
<th>U.S. - New Jersey - Right to Know Hazardous Substance List</th>
<th>U.S. - Pennsylvania - RTK (Right to Know) List</th>
</tr>
</thead>
</table>

SECTION 16: Other information

Revision date: 03/13/2017

Full text of H-statements:

| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |
| H373 | May cause damage to organs through prolonged or repeated exposure |

NFPA health hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard: 1 - Must be preheated before ignition can occur.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

NFPA Health: 1 - Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 °F (93 °C). (Class IIIb)

NFPA Flammability: 0 - Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

NFPA Reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating

Health: 2 Moderate Hazard - Temporary or minor injury may occur

Flammability: 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 °F (93 °C). (Class IIIb)

Physical: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection: B - Safety glasses, Gloves

SDS GHS US (GHS HazCom 2012) OWI

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Old World Industries, LLC makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user’s responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Old World Industries, LLC as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Old World Industries, LLC assume liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.