**SECTION 1: Identification**

1.1. Identification

- **Product form**: Mixture
- **Product name**: ESD-200-A
- **Product code**: ESD-200-A
- **Other means of identification**: ESD-200-A/2SF

1.2. Relevant identified uses of the substance or mixture and uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Protective Industrial Polymers
7875 Bliss Parkway
North Ridgeville, Ohio 44039 - USA-Ohio
T 440-327-0015
www.protectpoly.com

1.4. Emergency telephone number

Emergency number: Chemtrec: 800427-9300 (Outside USA) 703-527-3887

**SECTION 2: Hazard(s) identification**

2.1. Classification of the substance or mixture

**GHS-US classification**
- Skin corrosion/irritation, Category 2: H315
- Serious eye damage/eye irritation, Category 2A: H319
- 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
  - GHS08

- **Signal word (GHS-US)**: Warning
- **Contains**: dibutyltin dilaurate
- **Hazard statements (GHS-US)**:
  - H315 - Causes skin irritation
  - H319 - Causes serious eye irritation
  - H373 - May cause damage to organs through prolonged or repeated exposure

- **Precautionary statements (GHS-US)**:
  - P260 - Do not breathe vapours
  - P264 - Wash hands, forearms and face thoroughly after handling
  - P280 - Wear protective clothing
  - P302+P352 - If on skin: Wash with plenty of soap
  - P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
  - P314 - Get medical advice/attention if you feel unwell
  - P321 - Specific treatment (see Call a doctor if symptoms persist. on this label)
  - P332+P337 - If skin irritation occurs: Get medical advice/attention
  - P337+P313 - If eye irritation persists: Get medical advice/attention
  - P362+P364 - Take off contaminated clothing and wash it before reuse
  - P501 - Dispose of contents/container to in accordance with local regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable
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>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>dipropylene 1-(2-methoxy-1-proxy)-1-propan-2-ol</td>
<td>(CAS No) 88917-22-0</td>
<td>&gt; 30</td>
<td>Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td>Silicon Dioxide</td>
<td>(CAS No) 14808-60-7</td>
<td>10 - 15</td>
<td>Carc. 1A, H350</td>
</tr>
<tr>
<td>2-Ethylhexan-1-ol</td>
<td>(CAS No) 104-76-7</td>
<td>0 - 5</td>
<td>Flam. Liq. 4, H227</td>
</tr>
<tr>
<td>1-methoxy-2-propyl acetate</td>
<td>(CAS No) 108-65-6</td>
<td>0.15 - 0.5</td>
<td>Flam. Liq. 3, H226</td>
</tr>
<tr>
<td>n-butyl ester of acetic acid</td>
<td>(CAS No) 123-86-4</td>
<td>0.05 - 0.1</td>
<td>Flam. Liq. 3, H226</td>
</tr>
<tr>
<td>dibutyltin dilaurate</td>
<td>(CAS No) 77-58-7</td>
<td>&lt; 0.05</td>
<td>Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Repr. 1B, H360 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410</td>
</tr>
<tr>
<td>1-methyl-2-pyrrolidone</td>
<td>(CAS No) 872-50-4</td>
<td>0.072 - 0.01</td>
<td>Flam. Liq. 4, H227</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact : 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.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/injuries after skin contact : Irritation.
Symptoms/injuries after eye contact : Eye irritation. Mild eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media


5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: “Exposure controls/personal protection”.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.
ESD-200-A
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.4. Reference to other sections
For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th></th>
<th>ACGIH TWA (ppm)</th>
<th>ACGIH STEL (ppm)</th>
<th>Remark (ACGIH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Ethylhexan-1-ol (104-76-7)</td>
<td>150 ppm (n-Butyl acetate; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)</td>
<td>200 ppm (n-Butyl acetate; USA; Short time value; TLV - Adopted Value)</td>
<td>Eye &amp; URT irr</td>
</tr>
<tr>
<td>dipropylene1-(2-methoxy-1-propoxy)-1-propan-2-ol (88917-22-0)</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>1-methoxy-2-propyl acetate (108-65-6)</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>n-butyl ester of acetic acid (123-86-4)</td>
<td>ACGIH TWA (ppm)</td>
<td>150 ppm (n-Butyl acetate; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)</td>
<td></td>
</tr>
<tr>
<td>dibutyltin dilaurate (77-58-7)</td>
<td>ACGIH TWA (mg/m³)</td>
<td>0.1 mg/m³ (Tin organic compounds, as Sn; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)</td>
<td></td>
</tr>
<tr>
<td>1-methyl-2-pyrrolidone (872-50-4)</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Silicon Dioxide (14808-60-7)</td>
<td>ACGIH TWA (mg/m³)</td>
<td>0.025 mg/m³ (Silica-Crystalline Quartz; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)</td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
### Colour
White opaque liquid

### Odour
Slight solvent smell

### Odour threshold
No data available

### pH
No data available

### Melting point
Not applicable

### Freezing point
No data available

### Boiling point
No data available

### Flash point
> 170 °F

### Relative evaporation rate (butylacetate=1)
No data available

### Flammability (solid, gas)
No data available

### Explosive limits
No data available

### Explosive properties
No data available

### Oxidising properties
No data available

### Vapour pressure
No data available

### Relative density
No data available

### Relative vapour density at 20 °C
No data available

### Solubility
- Water: Solubility in water of component(s) of the mixture:
  - 2-Ethylhexan-1-ol: 0.9 g/l (20 °C)
  - dipropylene1-(2-methoxy-1-propoxy)-1-propan-2-ol: 19 g/100ml
  - Xylenes: < 0.02 g/100ml
  - 2-Phenoxyethanol: 2.7 g/100ml
  - 1-methoxy-2-propyl acetate: 19.8 g/100ml (20 °C, soluble)
  - n-butyl ester of acetic acid: 0.53 g/100ml (20 °C)
  - Acetoxy-2-methoxypropylene: 40 g/100ml
  - lithium chloride: 45 g/100ml
  - 1-methyl-2-pyrrolidone: 100 g/100ml (20 °C, soluble)
  - dibutyltin dilaurate: g/100ml (20 °C)
  - Muscuovite mica: insoluble
  - Silicon Dioxide: insoluble
  - 1-methoxy-2-hydroxypropane: > 10 g/100ml (20 °C, Complete)

### Log Pow
No data available

### Auto-ignition temperature
No data available

### Decomposition temperature
No data available

### Viscosity
No data available

### Viscosity, kinematic
No data available

### Viscosity, dynamic
No data available

### Log Pow
No data available

### Auto-ignition temperature
No data available

### Decomposition temperature
No data available

### Viscosity
No data available

### Viscosity, kinematic
No data available

### Viscosity, dynamic
No data available

### Other information
No additional information available

### SECTION 10: Stability and reactivity

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

#### 10.2. Chemical stability
Stable under normal conditions.

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

#### 10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials
No additional information available

#### 10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute toxicity**
- 2-Ethylhexan-1-ol (104-76-7)
  - LD50 oral rat: 3290 mg/kg bodyweight (Rat; Equivalent or similar to OECD 401; Experimental value)
2-Ethylhexan-1-ol (104-76-7)

LD50 dermal rat > 3000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit > 2600 mg/kg bodyweight (Rabbit; Experimental value; Equivalent or similar to OECD 402)
ATE US (oral) 3290.000 mg/kg bodyweight

dipropylene1-(2-methoxy-1-propoxy)-1-propan-2-ol (88917-22-0)

LD50 dermal rat > 3000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit > 2600 mg/kg bodyweight (Rabbit; Experimental value; Equivalent or similar to OECD 402)

1-methoxy-2-propyl acetate (108-65-6)

LD50 dermal rabbit > 2000 mg/kg bodyweight (Rabbit; Experimental value; Equivalent or similar to OECD 402)

n-butyl ester of acetic acid (123-86-4)

LD50 dermal rabbit > 2000 mg/kg bodyweight (Rabbit; Experimental value; Equivalent or similar to OECD 402)

dibutyltin dilaurate (77-58-7)

ATE US (oral) 2071.000 mg/kg bodyweight

1-methyl-2-pyrrolidone (872-50-4)

Silicon Dioxide (14808-60-7)

IARC group 1 - Carcinogenic to humans

Reproductive toxicity Not classified
Specific target organ toxicity (single exposure) Not classified
Specific target organ toxicity (repeated exposure) May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Not classified
Symptoms/injuries after skin contact Irritation.
Symptoms/injuries after eye contact Eye irritation. Mild eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
### 2-Ethylhexan-1-ol (104-76-7)

<table>
<thead>
<tr>
<th></th>
<th>EC50 Daphnia 1</th>
<th>LC50 fish 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>39 mg/l (EC50; EU Method C.2; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)</td>
<td>17.1 mg/l (LC50; EU Method C.1; 96 h; Leuciscus idus; Flow-through system; Fresh water; Experimental value)</td>
</tr>
</tbody>
</table>

### 1-methoxy-2-propyl acetate (108-65-6)

<table>
<thead>
<tr>
<th></th>
<th>EC50 Daphnia 1</th>
<th>LC50 fish 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>380 mg/l (EC50; Equivalent or similar to OECD 202; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)</td>
<td>100 - 180 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Oncorhynchus mykiss; Static system; Fresh water; Experimental value)</td>
</tr>
</tbody>
</table>

### n-butyl ester of acetic acid (123-86-4)

<table>
<thead>
<tr>
<th></th>
<th>LC50 fish 1</th>
<th>EC50 Daphnia 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18 mg/l (LC50; Equivalent or similar to OECD 203; 48 h; Pimephales promelas; Flow-through system; Fresh water; Experimental value)</td>
<td>44 mg/l (EC50; Other; 48 h; Daphnia sp.; Static system; Fresh water; Experimental value)</td>
</tr>
</tbody>
</table>

### dibutyltin dilaurate (77-58-7)

<table>
<thead>
<tr>
<th></th>
<th>Threshold limit algae 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&gt; 1 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static system; Fresh water; Experimental value)</td>
</tr>
</tbody>
</table>

### 1-methyl-2-pyrrolidone (872-50-4)

<table>
<thead>
<tr>
<th></th>
<th>LC50 fish 1</th>
<th>EC50 Daphnia 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3048 mg/l (LC50; 96 h; Salmo gairdneri)</td>
<td>4897 mg/l (EC50; 48 h; Daphnia magna)</td>
</tr>
</tbody>
</table>

### 12.2. Persistence and degradability

#### 2-Ethylhexan-1-ol (104-76-7)


#### dipropylene1-(2-methoxy-1-propoxy)-1-propan-2-ol (88917-22-0)

Persistence and degradability: Biodegradability in water: no data available.

#### 1-methoxy-2-propyl acetate (108-65-6)


#### n-butyl ester of acetic acid (123-86-4)

Persistence and degradability: Readily biodegradable in water. Low potential for adsorption in soil. Photolysis in the air.

#### dibutyltin dilaurate (77-58-7)

Persistence and degradability: Not readily biodegradable in water. No (test)data on mobility of the substance available.

#### 1-methyl-2-pyrrolidone (872-50-4)


**Biochemical oxygen demand (BOD)**

<table>
<thead>
<tr>
<th></th>
<th>1.07 g O₂/g substance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemical oxygen demand (COD)</strong></td>
<td>1.56 g O₂/g substance</td>
</tr>
<tr>
<td><strong>ThOD</strong></td>
<td>2.21 g O₂/g substance</td>
</tr>
<tr>
<td>BOD (% of ThOD)</td>
<td>0.46</td>
</tr>
</tbody>
</table>

**Biochemical oxygen demand (BOD)**

<table>
<thead>
<tr>
<th></th>
<th>1.9 g O₂/g substance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemical oxygen demand (COD)</strong></td>
<td>1.56 g O₂/g substance</td>
</tr>
<tr>
<td><strong>ThOD</strong></td>
<td>1.9 g O₂/g substance</td>
</tr>
<tr>
<td>BOD (% of ThOD)</td>
<td>0.56</td>
</tr>
</tbody>
</table>
ESD-200-A
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<table>
<thead>
<tr>
<th>Silicon Dioxide (14808-60-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Persistence and degradability</strong></td>
</tr>
<tr>
<td><strong>Biochemical oxygen demand (BOD)</strong></td>
</tr>
<tr>
<td><strong>Chemical oxygen demand (COD)</strong></td>
</tr>
<tr>
<td><strong>ThOD</strong></td>
</tr>
</tbody>
</table>

12.3. **Bioaccumulative potential**

**2-Ethylhexan-1-ol (104-76-7)**
- BCF other aquatic organisms: 25.33 (BCF; BCFWIN)
- Log Pow: 2.9 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 25 °C)
- Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

**dipropylene1-(2-methoxy-1-propoxy)-1-propan-2-ol (88917-22-0)**
- Log Pow: 0.66 (Estimated value)
- Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

**1-methoxy-2-propyl acetate (108-65-6)**
- Log Pow: 1.2 (Experimental value; Equivalent or similar to OECD 117; 20 °C; 0.36; Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 25 °C)
- Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

**n-butyl ester of acetic acid (123-86-4)**
- BCF fish: 15.3 (BCF)
- Log Pow: 2.3 (Test data; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 25 °C)
- Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).

**dibutyltin dilaurate (77-58-7)**
- BCF fish: 31 - 813 (BCF; OECD 305: Bioconcentration: Flow-Through Fish Test; 7 days; Carassius carassius; Flow through system; Fresh water; Experimental value)
- Bioaccumulative potential: Potential for bioaccumulation (500 ≤ BCF ≤ 5000).

**1-methyl-2-pyrrolidone (872-50-4)**
- Log Pow: -0.73 - -0.46 (Experimental value; Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method)
- Bioaccumulative potential: Not bioaccumulative.

12.4. **Mobility in soil**

**2-Ethylhexan-1-ol (104-76-7)**
- Surface tension: 0.000047 N/m (20 °C; 0.81 g/l)
- Log Koc: Koc,PKOCWIN v1.66; 26.01; Calculated value

**1-methoxy-2-propyl acetate (108-65-6)**
- Surface tension: 0.0294 N/m (20 °C; 100 vol %)
- Log Koc: log Koc,0.264; QSAR

**n-butyl ester of acetic acid (123-86-4)**
- Surface tension: 0.0163 N/m (20 °C)
- Log Koc: log Koc,20.94; Calculated value; log Koc; 1.32; Calculated value

**1-methyl-2-pyrrolidone (872-50-4)**
- Surface tension: 0.407 N/m
- Log Koc: Koc,20.94; Calculated value; log Koc; 1.32; Calculated value

12.5. **Other adverse effects**

Effect on the global warming: No known ecological damage caused by this product.

**SECTION 13: Disposal considerations**

13.1. **Waste treatment methods**

Waste treatment methods: Dispose of contents/container in accordance with licensed collector’s sorting instructions.
SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT
Not regulated for transport

TDG
TDG Proper Shipping Name : Not Regulated

Transport by sea
No additional information available

Air transport
No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

ESD-200-A
Listed on the United States TSCA (Toxic Substances Control Act) inventory

2-Ethylhexan-1-ol (104-76-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

dipropylene1-(2-methoxy-1-propoxy)-1-propan-2-ol (88917-22-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

1-methoxy-2-propyl acetate (108-65-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

n-butyl ester of acetic acid (123-86-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Not subject to reporting requirements of the United States SARA Section 313
CERCLA RQ 5000 lb

dibutyltin dilaurate (77-58-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

1-methyl-2-pyrrolidone (872-50-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

Silicon Dioxide (14808-60-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA
No additional information available

EU-Regulations
No additional information available

National regulations

Silicon Dioxide (14808-60-7)
Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations
ESD-200-A
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according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

1-methyl-2-pyrrolidone (872-50-4)

<table>
<thead>
<tr>
<th></th>
<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>No</td>
<td>3200</td>
</tr>
</tbody>
</table>

n-butyl ester of acetic acid (123-86-4)

| U.S. - New Jersey - Right to Know Hazardous Substance List |
| U.S. - Pennsylvania - RTK (Right to Know) List |

1-methyl-2-pyrrolidone (872-50-4)

| U.S. - New Jersey - Right to Know Hazardous Substance List |

Silicon Dioxide (14808-60-7)

| U.S. - New Jersey - Right to Know Hazardous Substance List |

SECTION 16: Other information

Other information: Disclaimer: This SDS to the best of our knowledge conforms to the requirements of OSHA 20 CFR 1910.1200 and summarizes the health and safety hazard information and general guidance on how to safely handle the material at the date of issue. Each user must review the SDS in the context of how the product will be handled and used in the workplace.

Full text of H-statements:

<table>
<thead>
<tr>
<th>H226</th>
<th>Flammable liquid and vapour</th>
</tr>
</thead>
<tbody>
<tr>
<td>H227</td>
<td>Combustible liquid</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H360</td>
<td>May damage fertility or the unborn child</td>
</tr>
<tr>
<td>H372</td>
<td>Causes damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

NFPA health hazard: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention 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.

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. (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.

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.