SAFETY DATA SHEET

JetFluid UV 31023 silver

SECTION 1. IDENTIFICATION

Product name : JetFluid UV 31023 silver
Product code : 022780SB0

Manufacturer or supplier's details
Company name of supplier : ECKART GmbH
Address : Guentersthal 4
           Hartenstein 91235
Telephone : +499152770
Telefax : +499152777008
Emergency telephone : CHEMTREC: 800-424-9300
                      CHEMTREC: 1-703-527-3387 (International)
                      GBK Gefahrgut Buero GmbH, Ingelheim, Germany:
                      From outside US: (001) 352-323-3500
                      (First call in English, response in your language is possible)
                      US & Canada (toll free): 1-800-5355-053

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200
Skin irritation : Category 2
Eye irritation : Category 2A
Skin sensitization : Category 1
Reproductive toxicity : Category 2

GHS label elements
Hazard pictograms :

Signal Word : Warning
Hazard Statements:
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H361f Suspected of damaging fertility.

Precautionary Statements:
- **Prevention:**
  - P201 Obtain special instructions before use.
  - P202 Do not handle until all safety precautions have been read and understood.
  - P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
  - P264 Wash skin thoroughly after handling.
  - P272 Contaminated work clothing must not be allowed out of the workplace.
  - P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- **Response:**
  - P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
  - P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P308 + P313 IF exposed or concerned: Get medical advice/ attention.
  - P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
  - P337 + P313 If eye irritation persists: Get medical advice/ attention.
  - P362 Take off contaminated clothing and wash before reuse.
- **Storage:**
  - P405 Store locked up.
- **Disposal:**
  - P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous ingredients which must be listed on the label:
- 2-Propenoic acid, 2-[2-(ethenyoxy)ethoxy]ethyl ester
- Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)-Poly(oxy-1,2-ethanediyl). .alpha.-hydro.-omega.-[(1-oxo-2-propen-1-yl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)
- 2-Propenoic acid, 2-phenoxyethyl ester
SAFETY DATA SHEET

JetFluid UV 31023 silver

Version 1.0  Revision Date: 03/21/2018  SDS Number: 102000000482  Date of last issue: -  Date of first issue: 03/21/2018

Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.,.alpha.'-1,2,3-propanetriyltris[omega.-[(1-oxo-2-propen-1-yl)oxy]-
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.'-(2,2-dimethyl-1,3-propanediyl)bis[omega.-[(1-oxo-2-propen-1-yl)oxy]-

Other hazards
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propenoic acid, 1,1'-(1,6-hexanediyl) ester</td>
<td>13048-33-4</td>
<td>&gt;= 30 - &lt; 50</td>
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<tr>
<td>2-Propenoic acid, 2-[2-ethenyloxy)ethoxy]ethyl ester</td>
<td>86273-46-3</td>
<td>&gt;= 10 - &lt; 20</td>
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<tr>
<td>Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)</td>
<td>75980-60-8</td>
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<tr>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-hydro-omega.-[(1-oxo-2-propen-1-yl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)</td>
<td>28961-43-5</td>
<td>&gt;= 5 - &lt; 10</td>
</tr>
<tr>
<td>2-Propenoic acid, 2-phenoxyethyl ester</td>
<td>48145-04-6</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
<tr>
<td>Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.',.alpha.'-1,2,3-propanetriyltris[omega.-[(1-oxo-2-propen-1-yl)oxy]-</td>
<td>52408-84-1</td>
<td>&gt;= 1 - &lt; 5</td>
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<td>1-Propanone, 2-hydroxy-2-methyl-1-phenyl-</td>
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<td>&gt;= 1 - &lt; 5</td>
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<td>Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.'-(2,2-dimethyl-1,3-propanediyl)bis[omega.-[(1-oxo-2-propen-1-yl)oxy]-</td>
<td>84170-74-1</td>
<td>&gt;= 1 - &lt; 5</td>
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</tbody>
</table>

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area. Show this material safety data sheet to the doctor in attendance.

If inhaled : If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

In case of skin contact : If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact: Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed: Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.

Most important symptoms and effects, both acute and delayed:
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
Suspected of damaging fertility.

SECTION 5. FIRE-FIGHTING MEASURES

Unsuitable extinguishing media: High volume water jet

Specific hazards during fire fighting: Do not allow run-off from fire fighting to enter drains or water courses.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

Environmental precautions: Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Advice on safe handling: Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability: No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propenoic acid, 1,1’-(1,6-hexanediyl) ester</td>
<td>13048-33-4</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>US WEEL</td>
</tr>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
<td>TWA (total dust)</td>
<td>50 Million particles per cubic</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td>Substance</td>
<td>Limit</td>
<td>Source</td>
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<tr>
<td>--------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>2-Propenoic acid, 1,1'-(1,6-hexanediyl) ester</td>
<td>13048-33-4</td>
<td>TWA</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>1 mg/m3</td>
<td>US WEEL</td>
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<td></td>
</tr>
<tr>
<td>TWA</td>
<td>5 mg/m3</td>
<td>NIOSH REL</td>
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<tr>
<td>(Respirable)</td>
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</tr>
<tr>
<td>TWA</td>
<td>15 mg/m3</td>
<td>OSHA Z-3</td>
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</tr>
<tr>
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<td></td>
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<tr>
<td>TWA</td>
<td>10 mg/m3</td>
<td>NIOSH REL</td>
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<td>OSHA Z-3</td>
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<td>OSHA Z-3</td>
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<tr>
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<td></td>
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<tr>
<td>TWA</td>
<td>1 mg/m3</td>
<td>ACGIH</td>
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<td>(Respirable fraction)</td>
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<td>TWA</td>
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<td>NIOSH REL</td>
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<td>(Aluminum)</td>
<td>(Aluminum)</td>
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<tr>
<td>TWA</td>
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<td>(Total)</td>
<td>(Aluminum)</td>
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<td>TWA</td>
<td>5 mg/m3</td>
<td>OSHA P0</td>
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<td>(Respirable fraction)</td>
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<td>TWA</td>
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<td>(total dust)</td>
<td>(Aluminum)</td>
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<td>(Total dust)</td>
<td>(Aluminum)</td>
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<tr>
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<td>(respirable dust fraction)</td>
<td>(Aluminum)</td>
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<tr>
<td>TWA</td>
<td>5 mg/m3</td>
<td>NIOSH REL</td>
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</tr>
<tr>
<td>(welding fumes)</td>
<td>(Aluminum)</td>
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<td></td>
</tr>
<tr>
<td>TWA</td>
<td>5 mg/m3</td>
<td>NIOSH REL</td>
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<tr>
<td>(pyro powders)</td>
<td>(Aluminum)</td>
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<td></td>
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<tr>
<td>TWA</td>
<td>1 mg/m3</td>
<td>ACGIH</td>
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<td></td>
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<tr>
<td>(Respirable fraction)</td>
<td>(Aluminum)</td>
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<td></td>
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<tr>
<td>TWA</td>
<td>5 mg/m3</td>
<td>OSHA P0</td>
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<tr>
<td>(Fumes)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWA</td>
<td>1 mg/m3</td>
<td>US WEEL</td>
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<td></td>
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<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
<td>TWA (total dust)</td>
<td>50 Million particles per cubic foot</td>
<td>OSHA Z-3</td>
</tr>
<tr>
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<td>TWA (Respirable)</td>
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<td>NIOSH REL</td>
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<td>TWA (total dust)</td>
<td>15 mg/m$^3$</td>
<td>OSHA Z-3</td>
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<td>TWA (total)</td>
<td>10 mg/m$^3$</td>
<td>NIOSH REL</td>
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<td>OSHA Z-3</td>
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<td></td>
<td></td>
<td>TWA (respirable fraction)</td>
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<td></td>
<td></td>
<td>TWA (Respirable fraction)</td>
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<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>5 mg/m$^3$ (Aluminum)</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Total)</td>
<td>15 mg/m$^3$ (Aluminum)</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
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<td>TWA (Respirable fraction)</td>
<td>5 mg/m$^3$ (Aluminum)</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
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<td>TWA (total dust)</td>
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<td>OSHA Z-1</td>
</tr>
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<td></td>
<td>TWA (respirable fraction)</td>
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<td>OSHA Z-1</td>
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<td>TWA (Total dust)</td>
<td>15 mg/m$^3$ (Aluminum)</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (respirable dust fraction)</td>
<td>5 mg/m$^3$ (Aluminum)</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
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<td>TWA (welding fumes)</td>
<td>5 mg/m$^3$ (Aluminum)</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (pyro powders)</td>
<td>5 mg/m$^3$ (Aluminum)</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Respirable fraction)</td>
<td>1 mg/m$^3$ (Aluminum)</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Fumes)</td>
<td>5 mg/m$^3$</td>
<td>OSHA P0</td>
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</tbody>
</table>

Hazardous components without workplace control parameters
SAFETY DATA SHEET

JetFluid UV 31023 silver

Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
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<tbody>
<tr>
<td>2-Propenoic acid, 2-[2-(ethenyl oxy)ethoxy]ethyl ester</td>
<td>86273-46-3</td>
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<tr>
<td>Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)-</td>
<td>75980-60-8</td>
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<tr>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-(1-oxo-2-propen-1-yl)oxy), ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)</td>
<td>28961-43-5</td>
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<td>2-Propenoic acid, 2-phenoxyethyl ester</td>
<td>48145-04-6</td>
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<td>Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,alpha.,alpha.'-1,2,3-propanetriyltris[.omega.-(1-oxo-2-propen-1-yl)oxy]-</td>
<td>52408-84-1</td>
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<tr>
<td>1-Propanone, 2-hydroxy-2-methyl-1-phenyl-</td>
<td>7473-98-5</td>
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<tr>
<td>Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,alpha.'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-(1-oxo-2-propen-1-yl)oxy]-</td>
<td>84170-74-1</td>
</tr>
</tbody>
</table>

Personal protective equipment

Respiratory protection : In the case of vapor formation use a respirator with an approved filter.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink. When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
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<tr>
<th>Property</th>
<th>Value</th>
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<td>Appearance</td>
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<td>Odor Threshold</td>
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<td>pH</td>
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<td>Boiling point.boiling range</td>
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<td>Flammability (solid, gas)</td>
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<td>Upper explosion limit / Upper flammability limit</td>
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<tr>
<td>Vapor pressure</td>
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<td>Relative density</td>
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<td>Solubility(ies)</td>
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<td>Partition coefficient: n-octanol/water</td>
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<td>Decomposition temperature</td>
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<td>Viscosity</td>
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SECTION 10. STABILITY AND REACTIVITY

<table>
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<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>No decomposition if stored and applied as directed.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>No decomposition if stored and applied as directed.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>No decomposition if stored and applied as directed.</td>
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<tr>
<td>Conditions to avoid</td>
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SECTION 11. TOXICOLOGICAL INFORMATION

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<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified based on available information.</td>
</tr>
</tbody>
</table>
**Ingredients:**

**2-Propenoic acid, 1,1’-(1,6-hexanediyl) ester:**

Acute oral toxicity: LD50 (Rat): > 5,000 mg/kg
   Method: OECD Test Guideline 401

Acute inhalation toxicity: (Rat): 0.14 mg/l.
   Exposure time: 7 h

Acute dermal toxicity: LD50 (Rabbit): 3,650 mg/kg
   Method: OECD Test Guideline 402

**Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)-:**

Acute oral toxicity: LD50 (Rat): > 5,000 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Ingredients:**

**Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-[(1-oxo-2-propen-1-yl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1):**

Result: Skin irritation

Remarks: May cause skin irritation and/or dermatitis.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Ingredients:**

**Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-[(1-oxo-2-propen-1-yl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1):**

Remarks: Vapors may cause irritation to the eyes, respiratory system and the skin.

**Respiratory or skin sensitization**

**Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.
Ingredients:
Poly(oxy-1,2-ethanediyl), .alpha.-hydro.-omega.-[(1-oxo-2-propen-1-yl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1):
Result: May cause sensitization by skin contact.
Remarks: Causes sensitization.
May cause sensitization of susceptible persons by skin contact.

Germ cell mutagenicity
Not classified based on available information.

Carcinogenicity
Not classified based on available information.

IARC
No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA
No component of this product present at levels greater than or equal to 0.1% is on OSHA’s list of regulated carcinogens.

NTP
No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity
Suspected of damaging fertility.

STOT-single exposure
Not classified based on available information.

STOT-repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.

Further information

Ingredients:
Poly(oxy-1,2-ethanediyl), .alpha.-hydro.-omega.-[(1-oxo-2-propen-1-yl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1):
Remarks: No data available
SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

**Ingredients:**

\[ \text{Poly(oxy-1,2-ethanediyl),} \alpha-\text{hydro-}\omega-(1-\text{oxo-2-propen-1-yl})o\text{xy}-, \text{ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1):} \]

Toxicity to daphnia and other aquatic invertebrates: (Daphnia): 10,232.73 mg/l

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Other adverse effects

No data available

**Ingredients:**

\[ \text{Poly(oxy-1,2-ethanediyl),} \alpha-\text{hydro-}\omega-(1-\text{oxo-2-propen-1-yl})o\text{xy}-, \text{ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1):} \]

Additional ecological information: No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues: The product should not be allowed to enter drains, water courses or the soil.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Send to a licensed waste management company.

In accordance with local and national regulations.

Contaminated packaging: Empty remaining contents.

Dispose of as unused product.

Do not re-use empty containers.

In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION

International Regulations
Remarks: Not classified as dangerous in the meaning of transport regulations.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Domestic regulation

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity
This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity
This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards: Skin corrosion or irritation
Serious eye damage or eye irritation
Respiratory or skin sensitization
Reproductive toxicity

SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313:

- 2-Propenoic acid, 2-phenoxyethyl ester
  48145-04-6
  >= 1 - < 5 %

- Aluminum
  7429-90-5
  >= 1 - < 5 %

Clean Air Act
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

- 2-Propenoic acid, 2-phenoxyethyl ester
  48145-04-6
  4.5942 %

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC’s (40 CFR 60.489).
Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know
2-Propenoic acid, 1,1'-(1,6-hexanediyl) ester 13048-33-4
Poly(oxy-1,2-ethanediyl), .alpha.-hydro-omega.-[(1-oxo-2-propen-1-yl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1) 28961-43-5
Propanoic acid, 2-methyl-, 1,1'-[2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl] ester 6846-50-0
Aluminum 7429-90-5
1-Propanone, 2-hydroxy-2-methyl-1-phenyl- 7473-98-5

Pennsylvania Right To Know
2-Propenoic acid, 1,1'-(1,6-hexanediyl) ester 13048-33-4
2-Propenoic acid, 2-[2-(ethenyloxy)ethoxy]ethyl ester 86273-46-3
Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- 75980-60-8
Poly(oxy-1,2-ethanediyl), .alpha.-hydro-omega.-[(1-oxo-2-propen-1-yl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1) 28961-43-5
2-Propenoic acid, 2-phenoxyethyl ester 48145-04-6
Propanoic acid, 2-methyl-, 1,1'-[2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl] ester 6846-50-0
Aluminum 7429-90-5

California Prop. 65
WARNING: This product can expose you to chemicals including lead and cadmium, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California List of Hazardous Substances
Aluminum 7429-90-5
California Permissible Exposure Limits for Chemical Contaminants

Aluminum 7429-90-5

The ingredients of this product are reported in the following inventories:

- **DSL**: This product contains one or several components that are not on the Canadian DSL nor NDSL.
- **TSCA**: Not On TSCA Inventory

**TSCA list**
The following substance(s) is/are subject to a Significant New Use Rule:

2-Propenoic acid, 2-[2-(ethenyloxy)ethoxy]ethyl ester 86273-46-3

The following substance(s) is/are subject to TSCA 12(b) export notification requirements:

2-Propenoic acid, 2-[2-(ethenyloxy)ethoxy]ethyl ester 86273-46-3

**SECTION 16. OTHER INFORMATION**

Full text of other abbreviations

- **ACGIH**: USA. ACGIH Threshold Limit Values (TLV)
- **NIOSH REL**: USA. NIOSH Recommended Exposure Limits
- **OSHA P0**: USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
- **OSHA Z-1**: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
- **OSHA Z-3**: USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
- **US WEEL**: USA. Workplace Environmental Exposure Levels (WEEL)
- **ACGIH / TWA**: 8-hour, time-weighted average
- **NIOSH REL / TWA**: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
- **OSHA P0 / TWA**: 8-hour time weighted average
- **OSHA Z-1 / TWA**: 8-hour time weighted average
- **OSHA Z-3 / TWA**: 8-hour time weighted average
- **US WEEL / TWA**: 8-hr TWA

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule;
The information provided in this Material 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.

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