

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Name:** Clear Plastic Restorer

**Product Code:** 101769

### Intended Use of the Product

**Use of the Substance/Mixture:** Polish.

### Name, Address, and Telephone of the Responsible Party

#### Company

Star brite Inc.

4041 SW 47<sup>th</sup> Avenue

Fort Lauderdale, FL 33314

(954)587-6280

[www.starbrite.com](http://www.starbrite.com)

### Emergency Telephone Number

**Emergency Number** : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### Classification (GHS-US)

Flam. Liq. 4 H227

Skin Irrit. 2 H315

Eye Irrit. 2A H319

Skin Sens. 1 H317

### Label Elements

#### GHS-US Labeling

#### Hazard Pictograms (GHS-US)

:



GHS07

#### Signal Word (GHS-US)

: Warning

#### Hazard Statements (GHS-US)

: H227 - Combustible liquid.  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.

#### Precautionary Statements (GHS-US)

: P210 - Keep away from sparks, open flames, hot surfaces, heat - No smoking.  
P261 - Avoid breathing vapors, spray, mist.  
P264 - Wash hands, forearms, and exposed areas thoroughly after handling.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear eye protection, protective gloves, protective clothing.  
P302+P352 - If on skin: Wash with plenty of 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.  
P321 - Specific treatment (see Section 4).  
P333+P313 - If skin irritation or rash 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.  
P370+P378 - In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>) to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

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### Other Hazards

Aquatic Acute 3

Aquatic Chronic 3

H412 - Harmful to aquatic life with long lasting effects.

P273 - Avoid release to the environment.

### Unknown Acute Toxicity (GHS-US)

4.06 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral, Dermal, Inhalation)

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

| Name   | Product Identifier  | % (w/w)    | Classification (GHS-US)   |
|--|---------------------|------------|---|
| Petroleum distillates, hydrotreated light    | (CAS No) 64742-47-8 | 10 - 20    | Flam. Liq. 4, H227<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401  |
| Solvent naphtha, petroleum, medium aliphatic | (CAS No) 64742-88-7 | 5 - 10     | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411  |
| Diatomaceous earth                           | (CAS No) 61790-53-2 | 1 - 5      | Not classified  |
| Morpholine                                   | (CAS No) 110-91-8   | 1 - 2      | Flam. Liq. 3, H226<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation:vapour), H332<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318 |
| Oleic acid                                   | (CAS No) 112-80-1   | 1 - 5      | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>STOT SE 3, H335   |
| Tall oil fatty acids                         | (CAS No) 61790-12-3 | 1 - 5      | Skin Sens. 1, H317  |
| Benzyl salicylate                            | (CAS No) 118-58-1   | 0.08 - 0.2 | Eye Irrit. 2A, H319<br>Skin Sens. 1, H317   |
| Coumarin                                     | (CAS No) 91-64-5    | 0.08 - 0.2 | Acute Tox. 3 (Oral), H301<br>Skin Sens. 1, H317<br>STOT RE 2, H373  |

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**Inhalation:** If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes serious eye irritation. Causes skin irritation.

**Inhalation:** May cause irritation to the respiratory tract.

**Skin Contact:** Causes skin irritation. May cause an allergic skin reaction.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

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**Chronic Symptoms:** Repeated or prolonged skin contact may cause dermatitis and defatting. Exposure may produce an allergic reaction.

### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If medical advice is needed, have product container or label at hand.

## **SECTION 5: FIRE FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable Extinguishing Media:** Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Combustible liquid.

**Explosion Hazard:** Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

**Reactivity:** Reacts violently with (strong) oxidizers: (increased) risk of fire/explosion.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Do not allow run-off from fire fighting to enter drains or water courses. Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds.

**Reference to Other Sections** Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Eliminate ignition sources. Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Stop leak if safe to do so.

**Environmental Precautions** Prevent entry to sewers and public waters.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as saw dust or cellulosic material.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Use only non-sparking tools.

### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Additional Hazards When Processed:** Handle empty containers with care because residual vapors are flammable.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Store away from oxidizers, combustible materials, and all ignition sources.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**Specific End Use(s)** Polish.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

| <b>Diatomaceous earth (61790-53-2)</b> |                              |   |
|--|------------------------------|---|
| <b>British Columbia</b>                | OEL TWA (mg/m <sup>3</sup> ) | 1.5 mg/m <sup>3</sup>   |
| <b>New Brunswick</b>                   | OEL TWA (mg/m <sup>3</sup> ) | 10 mg/m <sup>3</sup>  |
| <b>Ontario</b>                         | OEL TWA (mg/m <sup>3</sup> ) | 3 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica) |

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|  |                                       |  |
|--|---------------------------------------|--|
| <b>Québec</b>  | VEMP (mg/m <sup>3</sup> )             | 6 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica)                                      |
| <b>Saskatchewan</b>  | OEL STEL (mg/m <sup>3</sup> )         | 6 mg/m <sup>3</sup>  |
| <b>Saskatchewan</b>  | OEL TWA (mg/m <sup>3</sup> )          | 3 mg/m <sup>3</sup>  |
| <b>Petroleum distillates, hydrotreated light (64742-47-8)</b>    |                                       |  |
| <b>British Columbia</b>  | OEL TWA (mg/m <sup>3</sup> )          | 200 mg/m <sup>3</sup> (application restricted to conditions in which there are negligible aerosol exposures) |
| <b>Solvent naphtha, petroleum, medium aliphatic (64742-88-7)</b> |                                       |  |
| <b>USA ACGIH</b>   | TLV                                   | Not applicable   |
| <b>USA OSHA</b>  | PEL                                   | Not applicable   |
| <b>USA NIOSH</b>   | REL                                   | Not applicable   |
| <b>USA NIOSH</b>   | IDLH                                  | Not applicable   |
| <b>Oleic acid (112-80-1)</b>                                     |                                       |  |
| <b>USA ACGIH</b>   | TLV                                   | Not applicable   |
| <b>USA OSHA</b>  | PEL                                   | Not applicable   |
| <b>USA NIOSH</b>   | REL                                   | Not applicable   |
| <b>USA NIOSH</b>   | IDLH                                  | Not applicable   |
| <b>Tall oil fatty acids (61790-12-3)</b>                         |                                       |  |
| <b>USA ACGIH</b>   | TLV                                   | Not applicable   |
| <b>USA OSHA</b>  | PEL                                   | Not applicable   |
| <b>USA NIOSH</b>   | REL                                   | Not applicable   |
| <b>USA NIOSH</b>   | IDLH                                  | Not applicable   |
| <b>Benzyl salicylate (118-58-1)</b>                              |                                       |  |
| <b>USA ACGIH</b>   | TLV                                   | Not applicable   |
| <b>USA OSHA</b>  | PEL                                   | Not applicable   |
| <b>USA NIOSH</b>   | REL                                   | Not applicable   |
| <b>USA NIOSH</b>   | IDLH                                  | Not applicable   |
| <b>Coumarin (91-64-5)</b>  |                                       |  |
| <b>USA ACGIH</b>   | TLV                                   | Not applicable   |
| <b>USA OSHA</b>  | PEL                                   | Not applicable   |
| <b>USA NIOSH</b>   | REL                                   | Not applicable   |
| <b>USA NIOSH</b>   | IDLH                                  | Not applicable   |
| <b>Morpholine (110-91-8)</b>                                     |                                       |  |
| <b>USA ACGIH</b>   | ACGIH TWA (ppm)                       | 20 ppm   |
| <b>USA OSHA</b>  | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 70 mg/m <sup>3</sup>   |
| <b>USA OSHA</b>  | OSHA PEL (TWA) (ppm)                  | 20 ppm   |
| <b>USA NIOSH</b>   | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 70 mg/m <sup>3</sup>   |
| <b>USA NIOSH</b>   | NIOSH REL (TWA) (ppm)                 | 20 ppm   |
| <b>USA NIOSH</b>   | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 105 mg/m <sup>3</sup>  |
| <b>USA NIOSH</b>   | NIOSH REL (STEL) (ppm)                | 30 ppm   |
| <b>USA IDLH</b>  | US IDLH (ppm)                         | 1400 ppm (10% LEL)   |
| <b>Alberta</b>   | OEL TWA (mg/m <sup>3</sup> )          | 71 mg/m <sup>3</sup>   |
| <b>Alberta</b>   | OEL TWA (ppm)                         | 20 ppm   |
| <b>British Columbia</b>  | OEL TWA (ppm)                         | 20 ppm   |
| <b>Manitoba</b>  | OEL TWA (ppm)                         | 20 ppm   |
| <b>New Brunswick</b>   | OEL TWA (mg/m <sup>3</sup> )          | 71 mg/m <sup>3</sup>   |
| <b>New Brunswick</b>   | OEL TWA (ppm)                         | 20 ppm   |
| <b>Newfoundland &amp; Labrador</b>                               | OEL TWA (ppm)                         | 20 ppm   |
| <b>Nova Scotia</b>   | OEL TWA (ppm)                         | 20 ppm   |
| <b>Nunavut</b>   | OEL STEL (mg/m <sup>3</sup> )         | 105 mg/m <sup>3</sup>  |
| <b>Nunavut</b>   | OEL STEL (ppm)                        | 30 ppm   |
| <b>Nunavut</b>   | OEL TWA (mg/m <sup>3</sup> )          | 70 mg/m <sup>3</sup>   |

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|                       |                               |                       |
|-----------------------|-------------------------------|-----------------------|
| Nunavut               | OEL TWA (ppm)                 | 20 ppm                |
| Northwest Territories | OEL STEL (mg/m <sup>3</sup> ) | 105 mg/m <sup>3</sup> |
| Northwest Territories | OEL STEL (ppm)                | 30 ppm                |
| Northwest Territories | OEL TWA (mg/m <sup>3</sup> )  | 70 mg/m <sup>3</sup>  |
| Northwest Territories | OEL TWA (ppm)                 | 20 ppm                |
| Ontario               | OEL TWA (ppm)                 | 20 ppm                |
| Prince Edward Island  | OEL TWA (ppm)                 | 20 ppm                |
| Québec                | VEMP (mg/m <sup>3</sup> )     | 71 mg/m <sup>3</sup>  |
| Québec                | VEMP (ppm)                    | 20 ppm                |
| Saskatchewan          | OEL STEL (ppm)                | 30 ppm                |
| Saskatchewan          | OEL TWA (ppm)                 | 20 ppm                |
| Yukon                 | OEL STEL (mg/m <sup>3</sup> ) | 105 mg/m <sup>3</sup> |
| Yukon                 | OEL STEL (ppm)                | 30 ppm                |
| Yukon                 | OEL TWA (mg/m <sup>3</sup> )  | 70 mg/m <sup>3</sup>  |
| Yukon                 | OEL TWA (ppm)                 | 20 ppm                |

### Exposure Controls

**Appropriate Engineering Controls:** Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Gas detectors should be used when flammable gases or vapors may be released. Use explosion-proof equipment.

**Personal Protective Equipment:** Protective clothing. Safety glasses. Gloves. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Wear fire/flame resistant/retardant clothing.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or face shield.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|                                   |  |
|-----------------------------------|--|
| Physical State                    | : Liquid   |
| Appearance                        | : Off-white to light brown opaque liquid   |
| Odor                              | : Solvent  |
| Odor Threshold                    | : Not available  |
| pH                                | : 8 - 10   |
| Evaporation Rate                  | : Not available  |
| Melting/Freezing Point            | : Not available  |
| Boiling Point                     | : Not available  |
| Flash Point                       | : 63.3 °C (145.94 °F) Pensky-Marten Closed Cup; does not sustain combustion according to ASTM D4206 or Appendix H of 49 CFR part 173 |
| Auto-ignition Temperature         | : Not available  |
| Decomposition Temperature         | : Not available  |
| Flammability (solid, gas)         | : Not available  |
| Upper and Lower Flammable Limits  | : Not available  |
| Vapor Pressure                    | : Not available  |
| Relative Vapor Density at 20 °C   | : Not available  |
| Relative Density/Specific Gravity | : 0.92 - 0.935 (water = 1)   |
| Solubility                        | : Soluble in water.  |

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|  |   |   |
|--|---|---|
| <b>Partition Coefficient: N-octanol/water</b>            | : | Not available   |
| <b>Viscosity</b>   | : | > 1300 cP at 21.1 °C (70 °F)  |
| <b>Explosion Data – Sensitivity to Mechanical Impact</b> | : | Not expected to present an explosion hazard due to mechanical impact. |
| <b>Explosion Data – Sensitivity to Static Discharge</b>  | : | Not expected to present an explosion hazard due to static discharge.  |

### SECTION 10: STABILITY AND REACTIVITY

- Reactivity:** Reacts violently with (strong) oxidizers: (increased) risk of fire/explosion.  
**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).  
**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.  
**Conditions to Avoid:** Direct sunlight. Heat, hot surfaces, sparks, open flames, and other ignition sources.  
**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.  
**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Product

- Acute Toxicity:** Not classified  
**LD50 and LC50 Data:** Not available  
**Skin Corrosion/Irritation:** Causes skin irritation. (pH: 8 – 10)  
**Serious Eye Damage/Irritation:** Causes serious eye irritation. (pH: 8 – 10)  
**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.  
**Germ Cell Mutagenicity:** Not classified  
**Teratogenicity:** Not available  
**Carcinogenicity:** Not classified  
**Specific Target Organ Toxicity (Repeated Exposure):** Not classified  
**Reproductive Toxicity:** Not classified  
**Specific Target Organ Toxicity (Single Exposure):** Not classified  
**Aspiration Hazard:** Not classified  
**Symptoms/Injuries After Inhalation:** May cause irritation to the respiratory tract.  
**Symptoms/Injuries After Skin Contact:** Causes skin irritation. May cause an allergic skin reaction.  
**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.  
**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.  
**Chronic Symptoms:** Repeated or prolonged skin contact may cause dermatitis and defatting. Exposure may produce an allergic reaction.

#### Information on Toxicological Effects - Ingredient(s)

##### LD50 and LC50 Data:

|  |                               |
|--|-------------------------------|
| <b>Benzyl salicylate (118-58-1)</b>                              |                               |
| LD50 Oral Rat  | 2227 mg/kg                    |
| LD50 Dermal Rabbit   | 14150 mg/kg                   |
| <b>Coumarin (91-64-5)</b>  |                               |
| LD50 Oral Rat  | 293 mg/kg                     |
| <b>Petroleum distillates, hydrotreated light (64742-47-8)</b>    |                               |
| LD50 Oral Rat  | > 5000 mg/kg                  |
| LD50 Dermal Rabbit   | > 2000 mg/kg                  |
| LC50 Inhalation Rat  | > 5.2 mg/l/4h                 |
| <b>Solvent naphtha, petroleum, medium aliphatic (64742-88-7)</b> |                               |
| LD50 Oral Rat  | > 5000 mg/kg                  |
| LD50 Dermal Rabbit   | 3000 mg/kg                    |
| LC50 Inhalation Rat  | > 5.28 mg/l/4h                |
| <b>Morpholine (110-91-8)</b>                                     |                               |
| LD50 Oral Rat  | 1050 mg/kg                    |
| LD50 Dermal Rabbit   | 1900 mg/kg                    |
| LC50 Inhalation Rat  | 8000 ppm (Exposure time: 8 h) |

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|  |                              |
|--|------------------------------|
| ATE US (oral)  | 500.00 mg/kg body weight     |
| ATE US (dermal)  | 1,100.00 mg/kg body weight   |
| ATE US (vapors)  | 11.00 mg/l/4h                |
| <b>Tall oil fatty acids (61790-12-3)</b>                         |                              |
| LD50 Oral Rat  | 7600 mg/kg                   |
| <b>Coumarin (91-64-5)</b>  |                              |
| IARC Group   | 3                            |
| National Toxicity Program (NTP) Status                           | Evidence of Carcinogenicity. |
| <b>Diatomaceous earth (61790-53-2)</b>                           |                              |
| IARC Group   | 3                            |
| <b>Solvent naphtha, petroleum, medium aliphatic (64742-88-7)</b> |                              |
| National Toxicity Program (NTP) Status                           | Evidence of Carcinogenicity. |
| <b>Morpholine (110-91-8)</b>                                     |                              |
| IARC Group   | 3                            |

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

Ecology - General: Harmful to aquatic life with long lasting effects.

|  |   |
|--|---|
| <b>Petroleum distillates, hydrotreated light (64742-47-8)</b>    |   |
| LC50 Fish 1  | 45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| LC 50 Fish 2   | 2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])      |
| <b>Solvent naphtha, petroleum, medium aliphatic (64742-88-7)</b> |   |
| LC50 Fish 1  | 800 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])      |
| EC50 Daphnia 1   | > 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)                   |
| <b>Morpholine (110-91-8)</b>                                     |   |
| LC50 Fish 1  | 350 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])      |
| LC 50 Fish 2   | 375 - 460 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)         |
| <b>Oleic acid (112-80-1)</b>                                     |   |
| LC50 Fish 1  | 205 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])      |

**Persistence and Degradability** Not applicable

### Bioaccumulative Potential

|  |                            |
|--|----------------------------|
| <b>Petroleum distillates, hydrotreated light (64742-47-8)</b>    |                            |
| BCF Fish 1   | 61 - 159                   |
| <b>Solvent naphtha, petroleum, medium aliphatic (64742-88-7)</b> |                            |
| BCF Fish 1   | (bioaccumulation expected) |
| <b>Morpholine (110-91-8)</b>                                     |                            |
| BCF Fish 1   | 0.3 - 2.8                  |
| Log Pow  | -2.55 (at 25 °C)           |
| <b>Tall oil fatty acids (61790-12-3)</b>                         |                            |
| Log Pow  | 4.89 - 5.98 (at 25 °C)     |

**Mobility in Soil** Not available

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Additional Information:** EPA Hazardous Waste Number: D001 (Ignitability).

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### SECTION 14: TRANSPORT INFORMATION

#### In Accordance With ICAO/IATA/DOT/TDG/IMDG

**UN Number** Not regulated. Does not sustain combustion according to ASTM D4206 or Appendix H of 49 CFR part 173.

**UN Proper Shipping Name** Not regulated.

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

|   |  |
|---|--|
| <b>Clear Plastic Restorer</b>   |  |
| <b>SARA Section 311/312 Hazard Classes</b>                                | Immediate (acute) health hazard<br>Fire hazard   |
| <b>Benzyl salicylate (118-58-1)</b>                                       |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>Coumarin (91-64-5)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>Diatomaceous earth (61790-53-2)</b>                                    |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>Petroleum distillates, hydrotreated light (64742-47-8)</b>             |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>SARA Section 311/312 Hazard Classes</b>                                | Fire hazard<br>Immediate (acute) health hazard   |
| <b>Solvent naphtha, petroleum, medium aliphatic (64742-88-7)</b>          |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>Morpholine (110-91-8)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>Oleic acid (112-80-1)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>Tall oil fatty acids (61790-12-3)</b>                                  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>EPA TSCA Regulatory Flag</b>   | Y2 - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule. |

#### US State Regulations

|   |
|---|
| <b>Diatomaceous earth (61790-53-2)</b><br>U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations<br>U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)<br>U.S. - Idaho - Occupational Exposure Limits - Mineral Dusts<br>U.S. - Michigan - Occupational Exposure Limits - TWAs<br>U.S. - Minnesota - Hazardous Substance List<br>U.S. - Minnesota - Permissible Exposure Limits - TWAs<br>RTK - U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Oregon - Permissible Exposure Limits - Mineral Dusts<br>U.S. - Tennessee - Occupational Exposure Limits - TWAs<br>U.S. - Texas - Effects Screening Levels - Long Term<br>U.S. - Texas - Effects Screening Levels - Short Term<br>U.S. - Washington - Permissible Exposure Limits - STELS<br>U.S. - Washington - Permissible Exposure Limits - TWAs |
| <b>Petroleum distillates, hydrotreated light (64742-47-8)</b><br>U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour<br>U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual<br>U.S. - Texas - Effects Screening Levels - Long Term<br>U.S. - Texas - Effects Screening Levels - Short Term   |



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### **Solvent naphtha, petroleum, medium aliphatic (64742-88-7)**

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New Jersey - Special Health Hazards Substances List  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term



### **Morpholine (110-91-8)**

U.S. - California - Precursor Chemicals  
U.S. - Colorado - Schedule II Controlled Substances  
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)  
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)  
U.S. - Idaho - Occupational Exposure Limits - TWAs  
U.S. - Louisiana - Precursor Chemicals  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2  
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity  
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2  
RTK - U.S. - Massachusetts - Right To Know List  
U.S. - Michigan - Occupational Exposure Limits - Skin Designations  
U.S. - Michigan - Occupational Exposure Limits - STELs  
U.S. - Michigan - Occupational Exposure Limits - TWAs  
U.S. - Minnesota - Hazardous Substance List  
U.S. - Minnesota - Permissible Exposure Limits - Skin Designations  
U.S. - Minnesota - Permissible Exposure Limits - STELs  
U.S. - Minnesota - Permissible Exposure Limits - TWAs  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual  
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New Jersey - Special Health Hazards Substances List  
U.S. - New York - Occupational Exposure Limits - Skin Designations  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
U.S. - Oregon - Permissible Exposure Limits - Skin Designations  
U.S. - Oregon - Permissible Exposure Limits - TWAs  
U.S. - Oregon - Precursor Chemicals  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Tennessee - Occupational Exposure Limits - Skin Designations  
U.S. - Tennessee - Occupational Exposure Limits - STELs  
U.S. - Tennessee - Occupational Exposure Limits - TWAs  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Vermont - Permissible Exposure Limits - Skin Designations  
U.S. - Vermont - Permissible Exposure Limits - STELs  
U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Washington - Permissible Exposure Limits - Skin Designations  
U.S. - Washington - Permissible Exposure Limits - STELs  
U.S. - Washington - Permissible Exposure Limits - TWAs  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

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|   |  |
|---|--|
| <b>Oleic acid (112-80-1)</b>  |  |
| RTK - U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - Texas - Effects Screening Levels - Long Term<br>U.S. - Texas - Effects Screening Levels - Short Term |  |
| <b>Tall oil fatty acids (61790-12-3)</b>  |  |
| U.S. - Texas - Effects Screening Levels - Long Term<br>U.S. - Texas - Effects Screening Levels - Short Term   |  |
| <b>Canadian Regulations</b>   |  |
| <b>Clear Plastic Restorer</b>   |  |
| WHMIS Classification  | Class D Division 2 Subdivision B - Toxic material causing other toxic effects<br>Class B Division 3 - Combustible Liquid   |
|   |  |
| <b>Benzyl salicylate (118-58-1)</b>   |  |
| Listed on the Canadian DSL (Domestic Substances List)   |  |
| <b>Coumarin (91-64-5)</b>   |  |
| Listed on the Canadian DSL (Domestic Substances List)   |  |
| <b>Diatomaceous earth (61790-53-2)</b>  |  |
| Listed on the Canadian NDSL (Non-Domestic Substances List)  |  |
| WHMIS Classification  | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects   |
| <b>Petroleum distillates, hydrotreated light (64742-47-8)</b>   |  |
| Listed on the Canadian DSL (Domestic Substances List)   |  |
| WHMIS Classification  | Class B Division 3 - Combustible Liquid<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects   |
| <b>Solvent naphtha, petroleum, medium aliphatic (64742-88-7)</b>  |  |
| Listed on the Canadian DSL (Domestic Substances List)   |  |
| WHMIS Classification  | Class B Division 3 - Combustible Liquid  |
| <b>Morpholine (110-91-8)</b>  |  |
| Listed on the Canadian DSL (Domestic Substances List)<br>Listed on the Canadian IDL (Ingredient Disclosure List)  |  |
| IDL Concentration 1 %   |  |
| WHMIS Classification  | Class B Division 2 - Flammable Liquid<br>Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects<br>Class E - Corrosive Material |
| <b>Oleic acid (112-80-1)</b>  |  |
| Listed on the Canadian DSL (Domestic Substances List)<br>Listed on the Canadian IDL (Ingredient Disclosure List)  |  |
| IDL Concentration 1 %   |  |
| WHMIS Classification  | Class D Division 2 Subdivision B - Toxic material causing other toxic effects  |
| <b>Tall oil fatty acids (61790-12-3)</b>  |  |
| Listed on the Canadian DSL (Domestic Substances List)   |  |
| WHMIS Classification  | Uncontrolled product according to WHMIS classification criteria  |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 12/01/2014  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

# Clear Plastic Restorer

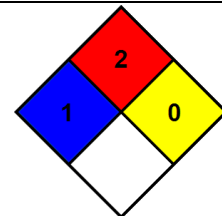
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### GHS Full Text Phrases:

|                                  |   |
|----------------------------------|---|
| Acute Tox. 3 (Oral)              | Acute toxicity (oral) Category 3                                  |
| Acute Tox. 4 (Dermal)            | Acute toxicity (dermal) Category 4                                |
| Acute Tox. 4 (Inhalation:vapour) | Acute toxicity (inhalation:vapour) Category 4                     |
| Acute Tox. 4 (Oral)              | Acute toxicity (oral) Category 4                                  |
| Aquatic Acute 2                  | Hazardous to the aquatic environment - Acute Hazard Category 2    |
| Aquatic Acute 3                  | Hazardous to the aquatic environment - Acute Hazard Category 3    |
| Aquatic Chronic 2                | Hazardous to the aquatic environment - Chronic Hazard Category 2  |
| Aquatic Chronic 3                | Hazardous to the aquatic environment - Chronic Hazard Category 3  |
| Asp. Tox. 1                      | Aspiration hazard Category 1                                      |
| Eye Dam. 1                       | Serious eye damage/eye irritation Category 1                      |
| Eye Irrit. 2A                    | Serious eye damage/eye irritation Category 2A                     |
| Flam. Liq. 3                     | Flammable liquids Category 3                                      |
| Flam. Liq. 4                     | Flammable liquids Category 4                                      |
| Skin Corr. 1B                    | Skin corrosion/irritation Category 1B                             |
| Skin Irrit. 2                    | Skin corrosion/irritation Category 2                              |
| Skin Sens. 1                     | Skin sensitization Category 1                                     |
| STOT RE 2                        | Specific target organ toxicity (repeated exposure) Category 2     |
| STOT SE 3                        | Specific target organ toxicity (single exposure) Category 3       |
| H226                             | Flammable liquid and vapor  |
| H227                             | Combustible liquid  |
| H301                             | Toxic if swallowed  |
| H302                             | Harmful if swallowed  |
| H304                             | May be fatal if swallowed and enters airways                      |
| H312                             | Harmful in contact with skin                                      |
| H314                             | Causes severe skin burns and eye damage                           |
| H315                             | Causes skin irritation  |
| H317                             | May cause an allergic skin reaction                               |
| H318                             | Causes serious eye damage   |
| H319                             | Causes serious eye irritation                                     |
| H332                             | Harmful if inhaled  |
| H335                             | May cause respiratory irritation                                  |
| H336                             | May cause drowsiness or dizziness                                 |
| H373                             | May cause damage to organs through prolonged or repeated exposure |
| H401                             | Toxic to aquatic life   |
| H402                             | Harmful to aquatic life   |
| H411                             | Toxic to aquatic life with long lasting effects                   |
| H412                             | Harmful to aquatic life with long lasting effects                 |

- NFPA Health Hazard** : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
- NFPA Fire Hazard** : 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.
- NFPA Reactivity** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



### Party Responsible for the Preparation of This Document

Starbrite®

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*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.*

North America GHS US 2012 & WHMIS