

## SAFETY DATA SHEET

### Section 1. Identification

**Product identifier** : EGC72  
**Product name** : EGC72 CLEAR LOW VOC PREMIUM QUALITY (4:1)  
**Date of issue** : 2/19/2026  
**Version** : 1.02

#### Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** : Coating component.  
**Uses advised against** : Not for sale to or use by consumers.

**Supplier's details** : U-POL CANADA LIMITED  
 P.O. BOX 48600  
 VANCOUVER, BC V7X 1T2  
 1-800-424-9300  
 technicalsupport@u-pol.com

**Product information** : (855) 6-AXALTA

**Emergency telephone number** : CHEMTREC: +44 (0) 870 8200418 (24 hrs)

### Section 2. Hazard identification

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 2  
 SKIN IRRITATION - Category 2  
 EYE IRRITATION - Category 2A  
 SKIN SENSITIZATION - Category 1A  
 CARCINOGENICITY - Category 2  
 TOXIC TO REPRODUCTION - Category 2  
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3  
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

#### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : H225 - Highly flammable liquid and vapor.  
 H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H319 - Causes serious eye irritation.  
 H335 - May cause respiratory irritation.  
 H336 - May cause drowsiness or dizziness.  
 H351 - Suspected of causing cancer.  
 H361 - Suspected of damaging fertility or the unborn child.

## Section 2. Hazard identification

### Precautionary statements

- Prevention** : P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P261 - Avoid breathing vapor.  
 P264 - Wash hands thoroughly after handling.  
 P272 - Contaminated work clothing should not be allowed out of the workplace.  
 P280 - Wear protective gloves, protective clothing and eye or face protection.
- Response** : P308 + P313 - IF exposed or concerned: Get medical advice or attention.  
 P304 + P340, P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.  
 P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 P302 + P352 - IF ON SKIN: Wash with plenty of water.  
 P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337 + P313 - If eye irritation persists: Get medical advice or attention.
- Storage** : P405 - Store locked up.  
 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
- Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

| Ingredient name                                    | Synonyms  | % (w/w)             | Identifiers  |
|--|---|---------------------|--------------|
| 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene | Benzene, 1-chloro-4-(trifluoromethyl)-; Benzene, 1-chloro-4-trifluoromethyl)-; 4-Chlorobenzotrifluoride; 1-chloro-4-(trifluoromethyl)benzene; Toluene, p-chloro-alpha,alpha,alpha-trifluoro-; p-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene; parachlorobenzotrifluoride; PCBTF; 4-trifluoromethylchlorobenzene; p-chlorobenzotrifluoride; parachlorobenzotrifluoride | $\geq 15 - \leq 40$ | CAS: 98-56-6 |
| acetone  | propan-2-one; propanone; 2-Propanone; Ketone propane; Dimethyl ketone; $\beta$ -ketonepropane; acetinum; dimethylketone; methyl ketone; propanone; pyroacetic acid; pyroacetic ether; dimethylformaldehyde; methyl  | $\geq 10 - \leq 30$ | CAS: 67-64-1 |

### Section 3. Composition/information on ingredients

|  |  |             |                  |
|--|--|-------------|------------------|
| n-butyl acetate  | ketone; Acetone (I); 2-Propanone (I); DIMETHYLFORMALDEHYDE; 2-OXOPROPANE<br><br>Acetic acid, butyl ester; Butyl Acetate; n-Butyl-acetate; Butyl ethanoate; n-Butyl ester of acetic acid; product composed of hydrocarbons (predominantly paraffinic and naphthenic) and n-butyl acetate; 1-butyl acetate; 1-Acetoxybutane; Butyl ester, Acetic acid; normal butyl acetate; Acetic acid, n-butyl ester  | ≥5 - ≤10    | CAS: 123-86-4    |
| heptan-2-one   | methyl amyl ketone; 2-Heptanone; Methyl n-amyl ketone; METHYL (n-AMYL) KETONE; n-Amyl methyl ketone; Amyl methyl ketone; sensitising emulsion consisting of: — by weight not more than 12 % of diazooxonaphthalenesulphonic acid ester — phenolic resins in a solution containing at least 2-methoxy-1-methylethyl acetate (CAS RN 108-65-6) or ethyl lactate (CAS RN 97-64-3) or methyl 3-methoxypropionate (CAS RN 3852-09-3) or 2-heptanone (CAS RN 110-43-0); METHYL PENTYL KETONE; Methyl (namyl) ketone; KETONE C7; methyl-n-amyl-ketone | ≥0.5 - ≤1.5 | CAS: 110-43-0    |
| ISOBUTYL METHACRYLATE  | 2-Propenoic acid, 2-methyl-, 2-methylpropyl ester; Methacrylic acid, isobutyl ester; 2-Methyl-2-propenoic acid 2-methylpropyl ester; METHACRYLIC ACID, I-BUTYL ESTER; Isobutyle methacrylate; Methacrylic acid isobutyl ester; 2-Methylpropyl methacrylate; Alkyl(C2-20) methacrylate; Butylmethacrylate; 2-methylpropyl 2-methyl-2-propenoate; PROP-2-ENOATE, 2-METHYL-, 2-METHYL PROPYL  | ≥0.1 - ≤1   | CAS: 97-86-9     |
| Poly(oxy-1,2-ethanediyl), α-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-ω -hydroxy- | Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-; alpha-{3-[3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl]propanoyl}-omega-hydroxypoly (oxyethylene); Condensation product of .alpha.-hydro-.omega.-hydroxypoly (3-11)(oxyehylene) with methyl 3-[3-(2H-benzotriazol-2-yl)-5-tert-butyl-  | ≥0.1 - ≤1   | CAS: 104810-48-2 |

**Section 3. Composition/information on ingredients**

|  |  |                  |                             |  |
|--|--|------------------|-----------------------------|--|
| <p>ULTRAVIOLET ABSORBER</p>                              | <p>4-hydroxyphenyl]propionate; α-[3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-ω-hydroxypoly(oxy-1,2-ethanediyl); Poly(oxy-1,2-ethanediyl),.alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.- hydroxy-<br/><br/>Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]-; Poly(oxy-1,2-ethanediyl), .alpha.-{3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl}-.omega.-hydroxy-; alpha-{3-[3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl]propanoyl}-omega-(3-[[3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl]propanoyl]oxy)poly(oxyethylene); Condensation product of .alpha.-hydro-.omega.-hydroxypoly(3-11)(oxyehylene) with methyl 3-[3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl]propionate; ULTRAVIOLET ABSORBER</p> | <p>≥0.1 - ≤1</p> | <p>CAS:<br/>104810-47-1</p> |  |
| <p>BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) SEBACATE</p> | <p>Decanedioic acid, 1,10-bis (1,2,2,6,6-pentamethyl-4-piperidinyl) ester; Decanedioic acid, bis (1,2,2,6,6-pentamethyl-4-piperidinyl) ester; bis (1,2,2,6,6-pentamethylpiperidin-4-yl) decanedioate; Bis (1,2,2,6,6-pentamethyl-4-piperidinyl) decanedioate; Bis (1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate; Bis(1,2,2,6,6-pentamethyl-4-piperidyl) decanedioate; Decanedioic acid bis (1,2,2,6,6-pentamethyl-4-piperidinyl) ester; DECANEDIOATE, BIS (1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) (PICCS); Bis(N-methyl-2,2,6,6-tetramethyl-4-piperidinyl) sebacate; Bis (1,2,2,6,6-pentamethyl-4-piperidyl) 1,8-octanedicarboxylate; DECANEDIOATE, BIS (1,2,2,6,6-PENTAMETHYL-4-</p>   | <p>≥0.1 - ≤1</p> | <p>CAS:<br/>41556-26-7</p>  |  |

## Section 3. Composition/information on ingredients

|  |              |  |  |  |
|--|--------------|--|--|--|
|  | PIPERIDINYL) |  |  |  |
|--|--------------|--|--|--|

Ranges if listed above for hazardous ingredient(s) are prescribed ranges. The actual concentration(s) or actual concentration range(s) are being withheld as a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.
- Ingestion** : Can cause central nervous system (CNS) depression.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

## Section 4. First-aid measures

- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### **Indication of immediate medical attention and special treatment needed, if necessary**

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### **Extinguishing media**

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
halogenated compounds  
carbonyl halides

## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be

## Section 7. Handling and storage

- hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
- Storage code** : IA

## Section 8. Exposure controls/personal protection

**Control parameters**

**Occupational exposure limits**

| Ingredient name | Exposure limits   |
|-----------------|---|
| acetone         | <p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b><br/>                     STEL 15 minutes: 750 ppm.<br/>                     TWA 8 hours: 500 ppm.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024)</b><br/>                     TWA 8 hours: 250 ppm.<br/>                     STEL 15 minutes: 500 ppm.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b><br/>                     TWA 8 hours: 250 ppm.<br/>                     STEL 15 minutes: 500 ppm.</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b><br/>                     TWAEV 8 hours: 250 ppm.<br/>                     STEV 15 minutes: 500 ppm.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b><br/>                     OEL 8 hours: 1200 mg/m<sup>3</sup>.<br/>                     OEL 15 minutes: 1800 mg/m<sup>3</sup>.<br/>                     OEL 8 hours: 500 ppm.<br/>                     OEL 15 minutes: 750 ppm.</p> |
| n-butyl acetate | <p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b><br/>                     STEL 15 minutes: 200 ppm.<br/>                     TWA 8 hours: 150 ppm.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024) [butyl acetate, all isomers]</b><br/>                     STEL 15 minutes: 150 ppm.<br/>                     TWA 8 hours: 50 ppm.</p> <p><b>CA Ontario Provincial (Canada, 6/2019) [butyl acetates, all isomers]</b></p>  |

## Section 8. Exposure controls/personal protection

heptan-2-one

STEL 15 minutes: 150 ppm.  
 TWA 8 hours: 50 ppm.  
**CA Quebec Provincial (Canada, 2/2024)**  
**[butyl acetates]**  
 STEV 15 minutes: 150 ppm.  
 TWAEV 8 hours: 50 ppm.  
**CA Alberta Provincial (Canada, 3/2023)**  
 OEL 15 minutes: 200 ppm.  
 OEL 15 minutes: 950 mg/m<sup>3</sup>.  
 OEL 8 hours: 150 ppm.  
 OEL 8 hours: 713 mg/m<sup>3</sup>.  
**CA Saskatchewan Provincial (Canada, 4/2021)**  
 STEL 15 minutes: 60 ppm.  
 TWA 8 hours: 50 ppm.  
**CA British Columbia Provincial (Canada, 9/2024)**  
 TWA 8 hours: 50 ppm.  
**CA Ontario Provincial (Canada, 6/2019)**  
 TWA 8 hours: 25 ppm.  
 TWA 8 hours: 115 mg/m<sup>3</sup>.  
**CA Quebec Provincial (Canada, 2/2024)**  
 TWAEV 8 hours: 50 ppm.  
 TWAEV 8 hours: 233 mg/m<sup>3</sup>.  
**CA Alberta Provincial (Canada, 3/2023)**  
 OEL 8 hours: 233 mg/m<sup>3</sup>.  
 OEL 8 hours: 50 ppm.

**Biological exposure indices**

No exposure indices known.

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

## Section 8. Exposure controls/personal protection

### Skin protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Color** : Clear.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not applicable.
- Melting point/freezing point** : Technically not possible to measure
- Boiling point or initial boiling point and boiling range** : 56 to 139.1°C (132.8 to 282.4°F)
- Flash point** : Closed cup: -18°C (-0.4°F)
- Evaporation rate** : Not available.
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Lower: 0.9%  
Upper: 12.8%
- Vapor pressure** : 4.9 kPa (36.48 mm Hg)
- Relative vapor density** : Not available.
- Relative density** : Not available.
- Density** : 1.061 g/cm<sup>3</sup>
- Solubility in water** : Not available.
- Miscible with water** : Yes.
- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : 393°C (739.4°F)

## Section 9. Physical and chemical properties

**Decomposition temperature** : Not applicable.

**Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): 1.6 mm<sup>2</sup>/s (1.6 cSt)

### Particle characteristics

**Median particle size** : Not applicable.

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

**Incompatible materials** : Reactive or incompatible with the following materials:  
oxidizing materials

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

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name                     | Result   |
|---|--|
| 4-chloro- $\alpha,\alpha$ -trifluorotoluene | <b>Rat - Oral - LD50</b><br>13 g/kg  |
| acetone                                     | <b>Rat - Oral - LD50</b><br>5800 mg/kg<br><u>Toxic effects:</u> Behavioral - Altered sleep time (including change in righting reflex) Behavioral - Tremor  |
| n-butyl acetate                             | <b>Rabbit - Dermal - LD50</b><br>2001 mg/kg<br><b>Rat - Inhalation - LC50 Vapor</b><br>21 mg/l [4 hours]<br><b>Rat - Oral - LD50</b><br>10768 mg/kg<br><u>Toxic effects:</u> Behavioral - Somnolence (general depressed activity) Lung, Thorax, or Respiration - Other changes Liver - Other changes |
| heptan-2-one                                | <b>Rabbit - Dermal - LD50</b><br>>17600 mg/kg<br><b>Rat - Inhalation - LC50 Vapor</b><br>21.1 mg/l [4 hours]<br><b>Rat - Oral - LD50</b><br>1600 mg/kg<br><u>Toxic effects:</u> Behavioral - Ataxia Lung, Thorax, or Respiration - Respiratory depression  |
|   | <b>Rabbit - Dermal - LD50</b><br>10332 mg/kg<br><b>Rat - Inhalation - LC50 Vapor</b>   |

## Section 11. Toxicological information

16.8 mg/l [4 hours]

**Conclusion/Summary [Product]** : Not available.

### Skin corrosion/irritation

**Product/ingredient name**

acetone

**Result**

**Rabbit - Skin - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

**Rabbit - Skin - Mild irritant**

Amount/concentration applied: 395 mg

**Rabbit - Skin - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 14 mg

heptan-2-one

**Conclusion/Summary [Product]** : Not available.

### Serious eye damage/eye irritation

**Product/ingredient name**

acetone

**Result**

**Human - Eyes - Mild irritant**

Amount/concentration applied: 186300 ppm

**Rabbit - Eyes - Mild irritant**

Amount/concentration applied: 10 uL

**Rabbit - Eyes - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 20 mg

**Rabbit - Eyes - Severe irritant**

Amount/concentration applied: 20 mg

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

Not available.

## Section 11. Toxicological information

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

| Product/ingredient name                            | IARC | NTP | ACGIH |
|--|------|-----|-------|
| 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene | 2B   | -   | -     |
| acetone  | -    | -   | A4    |

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

| Product/ingredient name                            | Result   |
|--|--|
| 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 |
| acetone  | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3             |
| n-butyl acetate                                    | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3             |
| heptan-2-one                                       | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3             |
| ISOBUTYL METHACRYLATE                              | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 |

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Not available.

### Potential acute health effects

|                     |   |
|---------------------|---|
| <b>Eye contact</b>  | : Causes serious eye irritation.  |
| <b>Inhalation</b>   | : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation. |
| <b>Skin contact</b> | : Causes skin irritation. May cause an allergic skin reaction.  |
| <b>Ingestion</b>    | : Can cause central nervous system (CNS) depression.  |

## Section 11. Toxicological information

### Symptoms related to the physical, chemical and toxicological characteristics

|                     |   |
|---------------------|---|
| <b>Eye contact</b>  | : Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness  |
| <b>Inhalation</b>   | : Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing<br>nausea or vomiting<br>headache<br>drowsiness/fatigue<br>dizziness/vertigo<br>unconsciousness<br>reduced fetal weight<br>increase in fetal deaths<br>skeletal malformations |
| <b>Skin contact</b> | : Adverse symptoms may include the following:<br>irritation<br>redness<br>reduced fetal weight<br>increase in fetal deaths<br>skeletal malformations  |
| <b>Ingestion</b>    | : Adverse symptoms may include the following:<br>reduced fetal weight<br>increase in fetal deaths<br>skeletal malformations   |

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

|                                    |                  |
|------------------------------------|------------------|
| <b>Potential immediate effects</b> | : Not available. |
| <b>Potential delayed effects</b>   | : Not available. |

#### Long term exposure

|                                    |                  |
|------------------------------------|------------------|
| <b>Potential immediate effects</b> | : Not available. |
| <b>Potential delayed effects</b>   | : Not available. |

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

|                              |   |
|------------------------------|---|
| <b>General</b>               | : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
| <b>Carcinogenicity</b>       | : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.              |
| <b>Mutagenicity</b>          | : No known significant effects or critical hazards.   |
| <b>Reproductive toxicity</b> | : Suspected of damaging fertility or the unborn child.  |

## Section 11. Toxicological information

### Numerical measures of toxicity

#### Acute toxicity estimates

| Product/ingredient name                            | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|--|--------------|----------------|--------------------------|----------------------------|-------------------------------------|
| U-POL EXPERT CLEAR 4:1 2.1VOC (OPTCV490)           | 135593.2     | 10816.2        | N/A                      | 1423.7                     | N/A                                 |
| 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene | 13000        | N/A            | N/A                      | N/A                        | N/A                                 |
| acetone  | 5800         | 2001           | N/A                      | 21                         | N/A                                 |
| n-butyl acetate                                    | 10768        | N/A            | N/A                      | 21.1                       | N/A                                 |
| heptan-2-one                                       | 1600         | 10332          | N/A                      | 16.8                       | N/A                                 |

## Section 12. Ecological information

### Toxicity

| Product/ingredient name                            | Result   |
|--|--|
| 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene | <p><b>Acute - LC50 - Fresh water</b><br/>           OECD [Fish, Acute Toxicity Test]<br/>           Fish<br/>           3 mg/l [96 hours]</p>  |
| acetone  | <p><b>Acute - LC50 - Fresh water</b><br/>           Daphnia - Water flea - <i>Daphnia magna</i><br/>           10 mg/l [48 hours]<br/> <u>Effect:</u> Mortality</p> <p><b>Chronic - NOEC - Marine water</b><br/>           Algae - Green algae - <i>Ulva pertusa</i><br/>           4.95 mg/l [96 hours]<br/> <u>Effect:</u> Reproduction</p> <p><b>Acute - EC50 - Marine water</b><br/>           Algae - Green algae - <i>Ulva pertusa</i><br/>           20.565 mg/l [96 hours]<br/> <u>Effect:</u> Reproduction</p> <p><b>Chronic - NOEC - Fresh water</b><br/>           Crustaceans - Daphnia - <i>Daphniidae</i><br/>           0.016 ml/l [21 days]<br/> <u>Effect:</u> Population</p> <p><b>Acute - LC50 - Fresh water</b><br/>           Fish - Guppy - <i>Poecilia reticulata</i><br/> <u>Age:</u> 4 to 12 months; <u>Size:</u> 2 to 10 cm; <u>Weight:</u> 0.5 to 14 g<br/>           5600 ppm [96 hours]<br/> <u>Effect:</u> Mortality</p> |
| n-butyl acetate                                    | <p><b>Acute - LC50 - Marine water</b><br/>           Fish - Inland silverside - <i>Menidia beryllina</i><br/>           185 ppm [96 hours]<br/> <u>Effect:</u> Mortality</p>   |
| heptan-2-one                                       | <p><b>Acute - LC50 - Fresh water</b><br/>           Fish - Fathead minnow - <i>Pimephales promelas</i><br/> <u>Age:</u> 32 days; <u>Size:</u> 18.4 mm; <u>Weight:</u> 0.095 g<br/>           131 mg/l [96 hours]<br/> <u>Effect:</u> Mortality</p>   |

## Section 12. Ecological information

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

| Product/ingredient name                            | Result  |
|--|---|
| 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene | <b>Aerobic</b><br>OECD [Ready Biodegradability - Closed Bottle Test]<br>19.2% [28 days] - Not readily |

**Conclusion/Summary [Product]** : Not available.

| Product/ingredient name                            | Aquatic half-life | Photolysis | Biodegradability |
|--|-------------------|------------|------------------|
| 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene | -                 | -          | Not readily      |

### Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| acetone                 | -0.23              | -   | Low       |
| n-butyl acetate         | 2.3                | -   | Low       |
| heptan-2-one            | 2.26               | -   | Low       |
| ISOBUTYL METHACRYLATE   | 2.95               | -   | Low       |

### Mobility in soil

**Soil/Water partition coefficient** : Not available.






### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|                            | TDG Classification   | DOT Classification   | IMDG  | IATA   |
|----------------------------|--|--|---|--|
| UN number                  | UN1263   | UN1263   | UN1263  | UN1263   |
| UN proper shipping name    | PAINT  | PAINT  | PAINT   | PAINT  |
| Transport hazard class(es) | 3<br> | 3<br> | 3<br>  | 3<br> |
| Packing group              | II   | II   | II  | II   |
| Environmental hazards      | No.  | No.  | Yes.  | Yes. The environmentally hazardous substance mark is not required.                       |

### Additional information

- TDG Classification** : Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).
- DOT Classification** : **Reportable quantity** 27027 lbs / 12270.3 kg [3055.1 gal / 11564.8 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.
- IMDG** : The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.
- IATA** : The environmentally hazardous substance mark may appear if required by other transportation regulations.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

The actual shipping description for this product may vary based several factors including, but not limited to, the volume of material, size of the container, mode of transport and use of exemptions or exceptions found in the applicable regulations. The information provided in Section 14 is one possible shipping description for this product. Consult your shipping specialist or supplier for appropriate assignment information.

## Section 15. Regulatory information

### Canadian lists

- Canadian NPRI** : The following components are listed: volatile organic compounds (total); butyl acetate (all isomers)
- CEPA Toxic substances** : None of the components are listed.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

## Section 15. Regulatory information

### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

- Canada** : At least one component is not listed.  
**United States** : All components are listed or exempted.

## Section 16. Other information

### History

- Date of issue** : 2/19/2026  
**Version** : 1.02  
Product stewardship and regulatory compliance.

### Key to abbreviations

- : ATE = Acute Toxicity Estimate  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations  
HPR = Hazardous Products Regulations

🔍 Indicates information that has changed from previously issued version.

### Notice to reader

This product is intended for industrial use only.

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