# SAFETY DATA SHEET

## Section 1. Identification

**Product identifier** : UP2002
**Product name** : SYSTEM 20 WATER BASED DEGREASER
**Date of issue** : 4/16/2025
**Version** : 1.01

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

**Identified uses** : Not available.
**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** : Not classified.

**GHS label elements**

**Hazard pictograms** : Not applicable.
**Signal word** : No signal word.
**Hazard statements** : No known significant effects or critical hazards.
**Precautionary statements**
**Prevention** : Not applicable.
**Response** : Not applicable.
**Storage** : Not applicable.
**Disposal** : Not applicable.
**Supplemental label elements** : None known.

**Other hazards which do not result in classification** : None known.

# Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| Chemical name | Common name and Synonyms | CAS number | % (w/w) |
|---|---|---|---|
| 2-butoxyethanol | ETHYLENE GLYCOL MONOBUTYL ETHER | CAS: 111-76-2 | ≥1 - ≤5 |
| Isopropyl alcohol | ISOPROPYL ALCOHOL | CAS: 67-63-0 | ≥1 - ≤5 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are required to be classified as hazardous to health or the environment under the reporting requirements for 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. Get medical attention if irritation occurs.

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion** : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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

**Potential acute health effects**

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : No specific data.

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

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

**See toxicological information (Section 11)**

# Section 5. Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

**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.

**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. 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. 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. 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. 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).

**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 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. 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.

# Section 8. Exposure controls/personal protection

**Control parameters**

**Occupational exposure limits**

2-butoxyethanol

**CA Saskatchewan Provincial (Canada, 4/2021)**
STEL 15 minutes: 30 ppm.
TWA 8 hours: 20 ppm.
**CA British Columbia Provincial (Canada, 4/2024)**
TWA 8 hours: 20 ppm.
**CA Ontario Provincial (Canada, 6/2019)**
TWA 8 hours: 20 ppm.
**CA Quebec Provincial (Canada, 2/2024)**
C3.
TWAEV 8 hours: 20 ppm.
**CA Alberta Provincial (Canada, 3/2023)**
OEL 8 hours: 97 mg/m³.
OEL 8 hours: 20 ppm.

Isopropyl alcohol

**CA Saskatchewan Provincial (Canada, 4/2021)**
STEL 15 minutes: 400 ppm.
TWA 8 hours: 200 ppm.
**CA British Columbia Provincial (Canada, 4/2024)**
TWA 8 hours: 200 ppm.
STEL 15 minutes: 400 ppm.
**CA Ontario Provincial (Canada, 6/2019)**
TWA 8 hours: 200 ppm.
STEL 15 minutes: 400 ppm.
**CA Quebec Provincial (Canada, 2/2024)**
TWAEV 8 hours: 200 ppm.
STEV 15 minutes: 400 ppm.
**CA Alberta Provincial (Canada, 3/2023)**
OEL 15 minutes: 984 mg/m³.
OEL 8 hours: 200 ppm.
OEL 15 minutes: 400 ppm.
OEL 8 hours: 492 mg/m³.

# Section 8. Exposure controls/personal protection

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**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. 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: safety glasses with side-shields.

**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.

**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.

**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

**Appearance**

**Physical state** : Liquid.

**Color** : Clear.

**Odor** : Not available.

**Odor threshold** : Not available.

**pH** : Not applicable.

**Melting point** : Technically not possible to measure

**Boiling point** : 100 to 100°C (212 to 212°F)

**Freezing point** : Not available.

**Flash point** : Closed cup: Not applicable. [Product does not sustain combustion.]

**Evaporation rate** : Not available.

**Flammability (solid, gas)** : Not available.

**Lower and upper explosive (flammable) limits** : Not available.

# Section 9. Physical and chemical properties

| | | |
|---|---|---|
| **Vapor pressure** | : | 2.3 kPa (17.2 mm Hg) |
| **Vapor density** | : | Not available. |
| **Relative density** | : | Not available. |
| **Partition coefficient: n-octanol/water** | : | Not applicable. |
| **Auto-ignition temperature** | : | 230°C (446°F) |
| **Decomposition temperature** | : | Not applicable. |
| **Viscosity** | : | Dynamic (room temperature): Not available.<br>Kinematic (room temperature): Not available.<br>Kinematic (40°C (104°F)): Not available. |
| **Flow time (ISO 2431)** | : | Not available. |

# 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** | : | No specific data. |
| **Incompatible materials** | : | No specific data. |
| **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 |
|---|---|
| 2-butoxyethanol | **Rat - Oral - LD50**<br>917 mg/kg<br>Toxic effects: Liver - Other changes Kidney, Ureter, and Bladder - Other changes Blood - Other hemolysis with or without anemia<br>**Rat - Dermal - LD50**<br>2010 mg/kg |
| Isopropyl alcohol | **Rabbit - Dermal - LD50**<br>12800 mg/kg<br>**Rat - Oral - LD50**<br>5000 mg/kg<br>Toxic effects: Behavioral - General anesthetic<br>**Rat - Male, Female - Inhalation - LC50 Vapor**<br>37.5 mg/l [4 hours]<br>OECD 403 |

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

### Skin corrosion/irritation

| Product/ingredient name | Result |
|---|---|

# Section 11. Toxicological information

| | |
|---|---|
| 2-butoxyethanol | **Rabbit - Skin - Mild irritant**<br>Amount/concentration applied: 500 mg |
| Isopropyl alcohol | **Rabbit - Skin - Mild irritant**<br>Amount/concentration applied: 500 mg |

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

**Serious eye damage/eye irritation**

| Product/ingredient name | Result |
|---|---|
| 2-butoxyethanol | **Rabbit - Eyes - Moderate irritant**<br>Duration of treatment/exposure: 24 hours<br>Amount/concentration applied: 100 mg |
| Isopropyl alcohol | **Rabbit - Eyes - Moderate irritant**<br>Duration of treatment/exposure: 24 hours<br>Amount/concentration applied: 100 mg<br>**Rabbit - Eyes - Moderate irritant**<br>Amount/concentration applied: 10 mg<br>**Rabbit - Eyes - Severe irritant**<br>Amount/concentration applied: 100 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.

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

**Carcinogenicity**

Not available.

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

# Section 11. Toxicological information

**Classification**

| Product/ingredient name | IARC | NTP | ACGIH |
|---|---|---|---|
| 2-butoxyethanol | 3 | - | A3 |
| Isopropyl alcohol | 3 | - | A4 |

**Reproductive toxicity**

Not available.

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

**Specific target organ toxicity (single exposure)**

| Product/ingredient name | Result |
|---|---|
| Isopropyl alcohol | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - 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**

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

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

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : No specific data.

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

**Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**Long term exposure**

**Potential immediate effects** : Not available.

# Section 11. Toxicological information

**Potential delayed effects** : Not available.

**Potential chronic health effects**

Not available.

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

**General** : No known significant effects or critical hazards.
**Carcinogenicity** : No known significant effects or critical hazards.
**Mutagenicity** : No known significant effects or critical hazards.
**Reproductive toxicity** : No known significant effects or critical hazards.

**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) |
|---|---|---|---|---|---|
| UP2002 WATER BASED DEGREASER 50 STATE | 28805.7 | 36666.7 | N/A | 366.7 | N/A |
| 2-butoxyethanol | 917 | 1100 | N/A | 11 | N/A |
| Isopropyl alcohol | 5000 | 12800 | N/A | 37.5 | N/A |

# Section 12. Ecological information

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses waterways.

# 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. Empty containers or liners may retain some product residues. 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** | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| **UN proper shipping name** | - | - | - | - |
| **Transport hazard class(es)** | - | - | - | - |
| **Packing group** | - | - | - | - |
| **Environmental hazards** | No. | No. | No. | No. |

**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.

**Transport in bulk according to IMO instruments** : Not available.

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: 2-butoxyethanol; isopropyl alcohol

**CEPA Toxic substances** : The following components are listed: 2-butoxyethanol

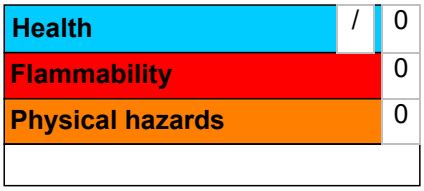
**Inventory list**

**Canada** : All components are listed or exempted.

**United States** : All components are listed or exempted.

# Section 16. Other information

**Hazardous Material Information System (U.S.A.)**

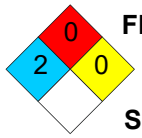



**Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.**

**The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.**

**National Fire Protection Association (U.S.A.)**

# Section 16. Other information




**Flammability**

**Health** **Instability/Reactivity**

**Special**



## History

**Date of issue** : 4/16/2025

**Version** : 1.01

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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