

## Safety Data Sheet

### ULTRACARE MARINE WAX REMOVER

Safety Data Sheet dated: 04/01/2026 - version 1

Date of first edition: 04/01/2026



## 1. IDENTIFICATION

### Product identifier used on the label

Mixture identification:

Trade name: ULTRACARE MARINE WAX REMOVER

Trade code: 9001531

### Recommended use of the chemical and restrictions on use

Recommended use: Wax remover

Restrictions on use: Data not available.

### Name, U.S. address, and U.S. telephone number of the chemical manufacturer, importer, or other responsible party

Company: MAPEI CORP. (USA and Puerto Rico)

1144 East Newport Center Drive - 33442 - Deerfield Beach - FL - USA

Phone: 954-246-8888

Responsible: RDProductSafety@mapei.com

### Emergency 24 hour numbers:

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887

Emergency Transport CANUTEC (Canada) 1-613-996-6666

## 2. HAZARD(S) IDENTIFICATION



### Classification of the chemical

Flammable Liquids — Category 4

Skin corrosion, Category 1B

Serious eye damage, Category 1

Combustible liquid

Causes severe skin burns and eye damage.

Causes serious eye damage.

### Label elements

#### Hazard pictograms and Signal Word



Danger

### Hazard statements

H227 Combustible liquid

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

### Precautionary statements

P210 UN5\$P210

P260 Do not breathe mist/vapours/spray.

P264 Wash skin thoroughly after handling.

P280 CA2\$P280.D

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

1

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

3

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

8

P310 Immediately call a doctor.

P363 Wash contaminated clothing before reuse.

P370+P378 In case of fire, use a dry powder fire extinguisher to extinguish.

P403 Store in a well-ventilated place.  
P501 Dispose of contents/container in accordance with applicable regulations.

#### **Hazards associated with foreseeable chemical reactions**

None

#### **Ingredient(s) with unknown acute toxicity:**

None

#### **Hazards not otherwise classified identified during the classification process:**

None

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### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Substances**

Not Relevant

#### **Mixtures**

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

#### **List of components**

| <b>Qty</b>  | <b>Name</b>                                           | <b>Ident. Numb.</b>                                       | <b>Classification</b>                                                                                                     |
|-------------|-------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| ≥25 - <30 % | propylene glycol n-propyl ether; 1-propoxypropan-2-ol | CAS:1569-01-3<br>EC:216-372-4                             | Flam. Liq. 3, H226; Eye Irrit. 2A, H319                                                                                   |
| ≥10 - <15 % | ethanolamine; 2-aminoethanol                          | CAS:141-43-5<br>EC:205-483-3<br>EU CLP Index:603-030-00-8 | STOT SE 3, H335; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Aquatic Chronic 3, H412; Skin Corr. 1B, H314 |
| ≥1 - <2.5 % | hexyl d-glucoside; hexyl hexopyranoside               | CAS:54549-24-5<br>EC:259-217-6                            | Eye Dam. 1, H318                                                                                                          |

The actual concentration of the components listed above is withheld as a trade secret.

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### **4. FIRST AID MEASURES**

#### **Description of first aid measures**

In case of skin contact:

Immediately take off all contaminated clothing.  
OBTAIN IMMEDIATE MEDICAL ATTENTION.  
Remove contaminated clothing immediately and dispose of safely.  
After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.  
Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Eye irritation  
Eye damages  
Skin Irritation  
Erythema

#### **Indication of any immediate medical attention and special treatment needed**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

(see paragraph 4.1)

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### **5. FIRE-FIGHTING MEASURES**

#### **Extinguishing media**

Suitable extinguishing media:

In case of fire, use a dry powder fire extinguisher to extinguish.

#### **Unsuitable extinguishing media:**

None in particular.

### Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.  
Burning produces heavy smoke.  
Hazardous combustion products: Not available  
Explosive properties: Not available  
Oxidizing properties: Not available

### Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Move undamaged containers from immediate hazard area if it can be done safely.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.  
Remove persons to safety.  
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Limit leakages with earth or sand.

### Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand  
Retain contaminated washing water and dispose it.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.  
See also section 8 for recommended protective equipment.

### Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
Store in a well-ventilated place. Keep cool.  
Avoid direct exposure to sunlight.  
Opened containers must be carefully resealed and kept upright to prevent leakage.  
Flammable mixtures may accumulate within the headspace of containers at room temperature.  
Storage at higher temperatures requires an appropriate evaluation of preventive and protection measures to be adopted.  
Storage temperature must be defined on the basis of a proper risk evaluation. Refer to other sections for additional information.  
Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Storage temperature: Not available

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Occupational Exposure Limits (OEL)

|                                               | OEL Type | Country | Occupational Exposure Limit                                    |
|-----------------------------------------------|----------|---------|----------------------------------------------------------------|
| ethanolamine; 2-aminoethanol<br>CAS: 141-43-5 | ACGIH    |         | Long Term: 3 ppm; Short Term: 6 ppm<br>Eye and skin irr        |
|                                               | MAK      | GERMANY | Long Term: 0.51 mg/m <sup>3</sup> - 0.2 ppm                    |
|                                               | OSHA     |         | Long Term: 6 mg/m <sup>3</sup> - 3 ppm                         |
|                                               | ACGIH    |         | Long Term: 3 ppm; Short Term: 6 ppm<br>eye and skin irritation |
|                                               | OSHA     |         | Long Term: 6 mg/m <sup>3</sup> - 3 ppm                         |
|                                               | ACGIH    |         | Long Term: 3 ppm; Short Term: 6 ppm                            |

eye and skin irritation

|     |             |                                                                                     |
|-----|-------------|-------------------------------------------------------------------------------------|
| MAK | AUSTRIA     | Long Term: 2.5 mg/m <sup>3</sup> - 1 ppm; Short Term: 7.6 mg/m <sup>3</sup> - 3 ppm |
| MAK | SWITZERLAND | Long Term: 5 mg/m <sup>3</sup> - 2 ppm                                              |
|     | D           |                                                                                     |
| EU  |             | Long Term: 2.5 mg/m <sup>3</sup> - 1 ppm; Short Term: 7.6 mg/m <sup>3</sup> - 3 ppm |
|     |             | Skin                                                                                |

#### Predicted No Effect Concentration (PNEC) values

propylene glycol n-propyl ether; 1-propoxypropan-2-ol  
CAS: 1569-01-3

Exposure Route: Fresh Water; PNEC Limit: 0.1 mg/l

Exposure Route: Marine water; PNEC Limit: 0.01 mg/l  
Exposure Route: Freshwater sediments; PNEC Limit: 0.386 mg/kg  
Exposure Route: Marine water sediments; PNEC Limit: 0.0386 mg/kg  
Exposure Route: Intermittent release; PNEC Limit: 1 mg/l  
Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 4 mg/l  
Exposure Route: Soil; PNEC Limit: 0.0185 mg/kg  
Exposure Route: Fresh Water; PNEC Limit: 0.085 mg/l

ethanolamine; 2-aminoethanol  
CAS: 141-43-5

Exposure Route: Marine water; PNEC Limit: 0.0085 mg/l  
Exposure Route: Intermittent release; PNEC Limit: 0.025 mg/l  
Exposure Route: Freshwater sediments; PNEC Limit: 0.425 mg/kg  
Exposure Route: Marine water sediments; PNEC Limit: 0.0425 mg/kg  
Exposure Route: Soil; PNEC Limit: 0.035 mg/kg  
Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 100 mg/l

#### Derived No Effect Level (DNEL) values

propylene glycol n-propyl ether; 1-propoxypropan-2-ol  
CAS: 1569-01-3

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects  
Worker Industry: 26 mg/m<sup>3</sup>; Worker Professional: 217 mg/m<sup>3</sup>

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects  
Worker Industry: 2.2 mg/kg; Worker Professional: 9 mg/kg

Appropriate engineering controls: Not available

#### Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use contact lenses.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:  
Polychloroprene - CR: thickness  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .  
Nitrile rubber - NBR: thickness  $\geq 0,35\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .  
Butyl rubber - IIR: thickness  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .  
Fluorinated rubber - FKM: thickness  $\geq 0,4\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .  
Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.  
Use adequate protective respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                        |                |
|------------------------|----------------|
| Physical state:        | Liquid         |
| Appearance and colour: | liquid yellow  |
| Odour:                 | characteristic |

|                                               |                                        |
|-----------------------------------------------|----------------------------------------|
| Odour threshold:                              | No data available                      |
| Melting point / freezing point:               | 0 °C (32 °F)                           |
| Initial boiling point and boiling range:      | 100 °C (212 °F)                        |
| Flammability:                                 | The product is classified Flam. Liq. 4 |
| Upper/lower flammability or explosive limits: | No data available                      |
| Flash point:                                  | 68 °C (154 °F)                         |
| Auto-ignition temperature:                    | No data available                      |
| Decomposition temperature:                    | No data available                      |
| pH:                                           | No data available                      |
| Viscosity:                                    | No data available                      |
| Kinematic viscosity:                          | <= 14 mm2/sec (40 °C)                  |
| Solubility in water:                          | very soluble                           |
| Solubility in oil:                            | partly soluble                         |
| Partition coefficient (n-octanol/water):      | No data available                      |
| Vapour pressure:                              | No data available                      |
| Evaporation rate:                             | No data available                      |
| Relative density:                             | 0.96 g/cm3                             |
| Vapour density:                               | No data available                      |

#### Particle characteristics:

|                |                   |
|----------------|-------------------|
| Particle size: | No data available |
|----------------|-------------------|

#### Other information

|                                       |                   |
|---------------------------------------|-------------------|
| Explosive properties:                 | No data available |
| Oxidizing properties:                 | No data available |
| Solid/gas flammability:               | No data available |
| Substance Groups relevant properties: | No data available |
| Miscibility:                          | No data available |
| Fat Solubility:                       | No data available |
| Conductivity:                         | No data available |

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## 10. STABILITY AND REACTIVITY

### Reactivity

Stable under normal conditions

### Chemical stability

Data not available.

### Possibility of hazardous reactions

None.

### Conditions to avoid

Stable under normal conditions.

### Incompatible materials

None in particular.

### Hazardous decomposition products

None.

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## 11. TOXICOLOGICAL INFORMATION

## Information on toxicological effects

### Toxicological Information of the Preparation

|                                      |                                                                                                                                                                                         |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| a) acute toxicity                    | Not classified<br>Based on available data, the classification criteria are not met<br>LD50 Oral Rat = 2552 mg/kg<br>LD50 Skin Rabbit = 3508 mg/kg<br>LC50 Inhalation Rat = 16.4 mg/l 4h |
| b) skin corrosion/irritation         | The product is classified: Skin corrosion, Category 1B(H314)                                                                                                                            |
| c) serious eye damage/irritation     | The product is classified: Serious eye damage, Category 1(H318)                                                                                                                         |
| d) respiratory or skin sensitisation | Not classified<br>Based on available data, the classification criteria are not met                                                                                                      |
| e) germ cell mutagenicity            | Not classified<br>Based on available data, the classification criteria are not met                                                                                                      |
| f) carcinogenicity                   | Not classified<br>Based on available data, the classification criteria are not met                                                                                                      |
| g) reproductive toxicity             | Not classified<br>Based on available data, the classification criteria are not met                                                                                                      |
| h) STOT-single exposure              | Not classified<br>Based on available data, the classification criteria are not met                                                                                                      |
| i) STOT-repeated exposure            | Not classified<br>Based on available data, the classification criteria are not met                                                                                                      |
| j) aspiration hazard                 | Not classified<br>Based on available data, the classification criteria are not met                                                                                                      |

### Toxicological information on main components of the mixture:

|                                                       |                   |                                                                 |
|-------------------------------------------------------|-------------------|-----------------------------------------------------------------|
| propylene glycol n-propyl ether; 1-propoxypropan-2-ol | a) acute toxicity | LD50 Skin Rabbit = 3550 mg/kg<br><br>LD50 Oral Rat = 2490 mg/kg |
| ethanolamine; 2-aminoethanol                          | a) acute toxicity | LD50 Oral Rat 2100 mg/kg<br><br>LD50 Skin Rabbit 1000 mg/kg     |

### Substance(s) listed on the IARC Monographs:

None

### Substance(s) listed as OSHA Carcinogen(s):

None

### Substance(s) listed as NIOSH Carcinogen(s):

None

### Substance(s) listed on the NTP report on Carcinogens:

None

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## 12. ECOLOGICAL INFORMATION

### Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

### List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

Based on available data, the classification criteria are not met

### List of Eco-Toxicological properties of the components

| Component | Ident. Numb. | Ecotox Data |
|-----------|--------------|-------------|
|-----------|--------------|-------------|

|                                                       |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| propylene glycol n-propyl ether; 1-propoxypropan-2-ol | CAS: 1569-01-3<br>- EINECS: 216-372-4                       | a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss > 100 mg/L 96h ECHA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| ethanolamine; 2-aminoethanol                          | CAS: 141-43-5<br>EINECS: 205-483-3<br>- INDEX: 603-030-00-8 | a) Aquatic acute toxicity : EC50 Daphnia = 65 mg/L 48<br><br>a) Aquatic acute toxicity : EC50 Algae = 22 mg/L 72<br>a) Aquatic acute toxicity : LC50 Fish = 349 mg/L 96<br>a) Aquatic acute toxicity : LC50 Fish Pimephales promelas = 227 mg/L 96h IUCLID<br><br>a) Aquatic acute toxicity : LC50 Fish Brachydanio rerio = 3684 mg/L 96h IUCLID<br><br>a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus 300 mg/L 96h EPA<br>a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss 114 mg/L 96h EPA<br>a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 15 mg/L 72h IUCLID<br><br>b) Aquatic chronic toxicity : NOEC Daphnia = 0.85 mg/L |
| hexyl d-glucoside; hexyl hexopyranoside               | CAS: 54549-24-5<br>- EINECS: 259-217-6                      | a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss > 0.66 mg/L 96h ECHA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

#### Persistence and degradability

| Component                    | Persitence/Degradability: | Duration | Notes: |
|------------------------------|---------------------------|----------|--------|
| ethanolamine; 2-aminoethanol | Readily biodegradable     | 21d      | >90%   |

#### Bioaccumulative potential

N.A.

#### Mobility in soil

N.A.

#### Other adverse effects

N.A.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

#### Methods of disposal:

Disposal of this product, solutions, packaging 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 nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

#### Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

#### Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

#### UN number

DOT-UN Number: UN2491

ADR-UN number: 2491

IATA-Un number: 2491

IMDG-Un number: 2491

#### UN proper shipping name

DOT-Proper Shipping Name: ETHANOLAMINE

ADR-Shipping Name: ETHANOLAMINE

IATA-Technical name: ETHANOLAMINE

IMDG-Technical name: ETHANOLAMINE

#### Transport hazard class(es)

DOT-Hazard Class: 8

ADR-Class: 8

IATA-Class: 8

IMDG-Class: 8

#### Packing group

DOT Packing Group: III

ADR-Packing Group: III

IATA-Packing group: III

IMDG-Packing group: III

#### Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not Applicable

DOT-RQ: No

#### Transport in bulk according to IMO instruments

N.A.

Not Applicable

#### Special precautions

Department of Transportation (DOT):

DOT-Special Provision(s): IB3, T4, TP1

DOT-Label(s): 8

DOT-Symbol: N/A

DOT-Cargo Aircraft: N/A

DOT-Passenger Aircraft: N/A

DOT-Bulk: N/A

DOT-Non-Bulk: N/A

DOT-Limited Quantity threshold: 5 L

Road and Rail (ADR-RID) :

ADR-Label: 8

ADR-Hazard identification number: 80

ADR-Transport category (Tunnel restriction code): 3 (E)

Air (IATA) :

IATA-Passenger Aircraft: 852

IATA-Cargo Aircraft: 856

IATA-Label: 8

IATA-Subsidiary hazards: -

IATA-Erg: 8L

IATA-Special Provisioning: A3 A803

Sea (IMDG) :

IMDG-Stowage and handling: Category A

IMDG-Segregation: SG35 SGG18

IMDG-Subsidiary hazards: -

IMDG-Special Provisioning: 223

IMDG-EMS: F-A, S-B

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## 15. REGULATORY INFORMATION

This Safety Data Sheet has been prepared according to the Hazard Communication Standard 2024 (HCS 2024)

### USA - Federal regulations

#### TSCA - Toxic Substances Control Act

All the components are listed on the TSCA inventory

##### TSCA listed substances:

propylene glycol n-propyl ether; 1- is listed in TSCA Section 8b  
propoxypropan-2-ol

ethanolamine; 2-aminoethanol is listed in TSCA Section 8b

hexyl d-glucoside; hexyl is listed in TSCA Section 8b  
hexopyranoside

**SARA - Superfund Amendments and Reauthorization Act****Section 302 - Extremely Hazardous Substances:**

No substances listed

**Section 304 - Hazardous substances:**

No substances listed

**Section 313 - Toxic chemical list:**

No substances listed

**CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act****Substance(s) listed under CERCLA:**

No substances listed

**CAA - Clean Air Act****CAA listed substances:**

ethanolamine; 2-aminoethanol is listed in CAA Section 112(b) - HON

**CWA - Clean Water Act****CWA listed substances:**

No substances listed

**USA - State specific regulations****California Proposition 65****Substance(s) listed under California Proposition 65:**

No substances listed

**Massachusetts Right to know****Substance(s) listed under Massachusetts Right to know:**

ethanolamine; 2-aminoethanol

**Pennsylvania Right to know****Substance(s) listed under Pennsylvania Right to know:**

ethanolamine; 2-aminoethanol

**New Jersey Right to know****Substance(s) listed under New Jersey Right to know:**

ethanolamine; 2-aminoethanol

**Canada - Federal regulations****DSL - Domestic Substances List**

All the substances are listed in the DSL.

**NDSL - Non Domestic Substances List**

This product complies with NDSL inventory

**NPRI - National Pollutant Release Inventory****NPRI (National Pollutant Release Inventory) - List of substances listed.**

No substances listed

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**16. OTHER INFORMATION**

Safety Data Sheet dated: 4/1/2026 - version 1

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

| Code | Description                              |
|------|------------------------------------------|
| H226 | Flammable liquid and vapour.             |
| H302 | Harmful if swallowed.                    |
| H312 | Harmful in contact with skin.            |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage.               |
| H319 | Causes serious eye irritation.           |
| H332 | Harmful if inhaled.                      |

H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.

| Code         | Hazard class and hazard category | Description                                                          |
|--------------|----------------------------------|----------------------------------------------------------------------|
| A.1/4/Dermal | Acute Tox. 4                     | Acute toxicity (dermal), Category 4                                  |
| A.1/4/Inhal  | Acute Tox. 4                     | Acute toxicity (inhalation), Category 4                              |
| A.1/4/Oral   | Acute Tox. 4                     | Acute toxicity (oral), Category 4                                    |
| A.2/1B       | Skin Corr. 1B                    | Skin corrosion, Category 1B                                          |
| A.3/1        | Eye Dam. 1                       | Serious eye damage, Category 1                                       |
| A.3/2A       | Eye Irrit. 2A                    | Eye irritation, Category 2A                                          |
| A.8/3        | STOT SE 3                        | Specific target organ toxicity following single exposure, Category 3 |
| B.6/3        | Flam. Liq. 3                     | Flammable Liquids — Category 3                                       |
| US-HAE/C3    | Aquatic Chronic 3                | Chronic (long term) aquatic hazard, category 3                       |

**Legend to abbreviations and acronyms used in the safety data sheet:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
IMDG: International Maritime Code for Dangerous Goods.  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
CLP: Classification, Labeling, Packaging.  
EU CLP Index: Index number as reported in Annex VI to EU Reg. 1272/2008  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
INCI: International Nomenclature of Cosmetic Ingredients.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
DNEL: Derived No Effect Level.  
PNEC: Predicted No Effect Concentration.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
WGK: German Water Hazard Class.  
KSt: Explosion coefficient.