# SAFETY DATA SHEET



Easy-Mix S 50 Epoxy Adhesive Hardener

## **Section 1. Identification**

**Product identifier** : Easy-Mix S 50 Epoxy Adhesive Hardener

**Product code** : 106502 **Product type** : Liquid.

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

Identified uses

Hardener for resins.

Uses advised against

Not applicable.

: WEICON GmbH & Co. KG Supplier's details

> Königsberger Str. 255, 48157 Münster, Germany phone:+49 251 93220. email: info@weicon.de. URL: www.weicon.de

e-mail address of person responsible for this SDS

: msds@weicon.de

#### **National contact**

WEICON Canada Inc. 20 Steckle Place, Unit 20 Kitchener, Ontario N2E 2C3, CA

www.weicon.ca

E-mail: info@weicon.ca Telephone: +1-519-896-5252 Telefax: +1-519-896-5254

**Emergency telephone** 

number

: +1 866 928 0789 (24h - Toll free)

TRANSPORT EMERGENCY CONTACT: +1 866 928 0789 ((24h - Toll free)

## Section 2. Hazard identification

Classification of the substance or mixture : SKIN CORROSION - Category 1C SERIOUS EYE DAMAGE - Category 1 SKIN SENSITIZATION - Category 1A

#### **GHS label elements**

**Hazard pictograms** 





Signal word : Danger

**Hazard statements** : H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

**Precautionary statements** 

Prevention : P261 - Avoid breathing vapor.

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves, protective clothing and eye or face protection.

Date of issue/Date of revision : 6/25/2025 : 6/15/2025 Version : 2.1 1/12 Date of previous issue

## Section 2. Hazard identification

Response

: P304 + P340, P310 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor. P301 + P310, P330, P331 - IF SWALLOWED: Immediately call a POISON

CENTER or doctor. Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353, P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER

P363 - Wash contaminated clothing before reuse. 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, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

**Storage** : P405 - Store locked up.

Disposal : P501 - Dispose of waste according to applicable legislation.

# Section 3. Composition/information on ingredients

: Mixture Substance/mixture Other means of : Not available.

identification

Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-, ether with 2,2-bis (hydroxymethyl)-1,3-propanediol (4: 1), 2-hydroxy-3-mercaptopropyl ether vith 2,2-bis (hydroxymethyl)-1,3-propanediol (4: 1), 2-hydroxy-3-mercaptopropyl ether; Tris[ (2-hydroxymethyl)-1,3-propanediol; α-Hydro-ω-hydroxynoly[oxy(methyl-1,2-ethanediyl)] ether with 2,2-bis (hydroxymethyl)-1,3-propanediol (4: 1), 2-hydroxy-3-mercaptopropyl ether; Trifunctional Mercaptan terminated polymer  pentaerythritol tetrakis (3-mercaptopropionate)  Propanoic acid, 3-mercapto-, 1,1'-[2,2-bis[(3-mercapto-1-oxopropoxy) methyl]-1,3-propanediyl] ester; Propanoic acid, 3-mercapto-, 2,2-bis[(3-mercapto-1-oxopropoxy)methyl]-1,3-propanediyl ester; 2,2-Bis[[ (3-mercaptopropionate); 3-Mercaptopropionate]; 3-Mercaptopropionate]; 3-Mercaptopropionate]; 1-3-propanediyl ester; Pentaerythritol tetrakis β-thiopropionate]; 1-3-propanediyl ester; Pentaerythritol tetrakis β-thiopropionate); TETRAKIS (2-MERCAPTO-PROPIONATE), PENTAERYTHRITYL: Propanoic	Ingredient name	Synonyms	% (w/w)	CAS number	
[2,2-bis[(3-mercapto-1-oxopropoxy) methyl]-1,3-propanediyl] ester; Propanoic acid, 3-mercapto-, 2,2-bis[ (3-mercapto-1-oxopropoxy)methyl] -1,3-propanediyl ester; 2,2-Bis[[ (3-mercaptopropionyl)oxy]methyl] trimethylene bis [3-mercaptopropionate]; 3-Mercapto propanoic acid 2,2-bis[3-mercapto- 1-oxopropoxy)methyl] -1,3-propanediyl ester; Pentaerythritol tetrakis(β- thiopropionate); TETRAKIS (2-MERCAPTO-PROPIONATE),	hydro-ω-hydroxy-, ether with 2,2-bis (hydroxymethyl)-1,3-propanediol (4:	alphahydroomegahydroxy-, ether with 2,2-bis(hydroxymethyl) -1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether; Tris[ (2-hydroxymethyl, 2-mercaptomethyl) -1,3-propanediol; α-Hydro-ω-hydroxypoly[oxy(methyl-1,2-ethanediyl)] ether with 2,2-bis (hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether; Trifunctional Mercaptan	≥60 - ≤80	72244-98-5	
acid, 3-mercapto-, 1,1'-[2,2-bis[ (3-mercapto-1-oxopropoxy)methyl] -1,3-propanediyl] ester		[2,2-bis[(3-mercapto-1-oxopropoxy) methyl]-1,3-propanediyl] ester; Propanoic acid, 3-mercapto-, 2,2-bis[(3-mercapto-1-oxopropoxy)methyl]-1,3-propanediyl ester; 2,2-Bis[[(3-mercaptopropionyl)oxy]methyl] trimethylene bis [3-mercaptopropionate]; 3-Mercaptopropanoic acid 2,2-bis[3-mercaptopropanoic acid 2,2-bis[3-mercaptopropanoic acid 2,2-bis[3-mercapto-1-oxopropoxy)methyl]-1,3-propanediyl ester; Pentaerythritol tetrakis(β-thiopropionate); TETRAKIS (2-MERCAPTO-PROPIONATE), PENTAERYTHRITYL; Propanoic acid, 3-mercapto-, 1,1'-[2,2-bis[(3-mercapto-1-oxopropoxy)methyl]	≥5 - ≤10	7575-23-7	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		methyl]-; Phenol, 2,4,6-tris (dimethylaminomethyl)-; 2,4,6-tris( (dimethylamino)methyl)phenol;	≥5 - ≤10	90-72-2	

Date of issue/Date of revision : 6/15/2025 : 6/25/2025 Date of previous issue Version : 2.1

Section 3. Composition/information on ingredients				

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.

Phenol, bis[(dimethylamino)methyl]-;

bis-[(Dimethylamino)-methyl]-phenol; Bis (dimethylaminomethyl) phenol

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

bis[(dimethylamino)methyl]phenol

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

Eye contact

: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.

≥1 - ≤5

71074-89-0

Inhalation

: Get medical attention immediately. Call a poison center or physician. 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. 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

: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a 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

Date of issue/Date of revision: 6/25/2025Date of previous issue: 6/15/2025Version: 2.13/12

#### Section 4. First-aid measures

: Causes serious eye damage. **Eve contact** 

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes severe burns. May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:

watering redness

Inhalation : No specific data.

Skin contact : Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur

Ingestion Adverse symptoms may include the following:

stomach pains

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

: In case of inhalation of decomposition products in a fire, symptoms may be delayed. Notes to physician

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 an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

Specific hazards arising

from the chemical

**Hazardous thermal** 

decomposition products

: In a fire or if heated, a pressure increase will occur and the container may burst.

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides sulfur oxides

: None known.

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.

Date of issue/Date of revision : 6/25/2025 : 6/15/2025 Version :2.1 4/12 Date of previous issue

## 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. Do not breathe 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. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry 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. 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. 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# 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. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not indest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be 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.

including any incompatibilities

Conditions for safe storage, : 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. Store locked up. 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.

Date of issue/Date of revision : 6/25/2025 : 6/15/2025 Version : 2.1 5/12 Date of previous issue

# Section 8. Exposure controls/personal protection

#### Control parameters

#### Occupational exposure limits

None.

#### **Biological exposure indices**

No exposure indices known.

# Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

# **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 and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

#### **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. Recommended: 1 - 4 hours (breakthrough time): Protective gloves made of nitrile rubber (material thickness of 0,4 mm); EN 374-5 Cat. III; 4 - 8 hours (breakthrough time): Protective gloves made of Viton®/ butyl rubber (material thickness of 0,7 mm); EN388 Cat.II / EN374 Cat.III / EN374-2

**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. Recommended: organic vapor (Type AX) and particulate filter

# Section 9. Physical and chemical properties and safety characteristics

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

#### **Appearance**

Physical state : Liquid.

Date of issue/Date of revision: 6/25/2025Date of previous issue: 6/15/2025Version: 2.16/12

# Section 9. Physical and chemical properties and safety characteristics

**Color** : Colorless to light yellow.

Odor : Sulfurous.
Odor threshold : Not available.
pH : Not applicable.
Melting point/freezing point : Not available.
Boiling point, initial boiling : Not available.

point, and boiling range

Flash point :

	Closed cup		Open c		ıp	
Ingredient name	°C	°F	Method	°C	°F	Method
3-mercaptopropionic acid	123.5	254.3	ISO 2719			
pentaerythritol tetrakis (3-mercaptopropionate)	215	419	ISO 2719			

Evaporation rate : Not available.
Flammability : Not available.
Lower and upper explosion : Not available.
limit/flammability limit

Vapor pressure

	Vapor Pressure at 20°C			0°C Vapor pressure at 50°C		
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
2,4,6-tris(dimethylaminomethyl) phenol	0.06	0.008	EU A.4			
3-mercaptopropionic acid	0.01628	0.0022	OECD 104			
pentaerythritol tetrakis (3-mercaptopropionate)	0	0	EU A.4			

Relative vapor density : Not available.

Relative density : Not available.

**Density** : 1.13 g/cm³ [20°C (68°F)]

Solubility(ies) :

Not available.

Solubility in water : Not available.

Miscible with water : No.

Partition coefficient: n-

octanol/water

: Not applicable.

Auto-ignition temperature: Not applicable.Decomposition temperature: Not available.Viscosity: Not available.Flow time (ISO 2431): Not available.

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.

Date of issue/Date of revision : 6/25/2025 Date of previous issue : 6/15/2025 Version : 2.1 7/12

# Section 10. Stability and reactivity

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**

Not available.

#### Irritation/Corrosion

Not available.

#### **Sensitization**

Not available.

#### Mutagenicity

Not available.

#### **Carcinogenicity**

Not available.

#### Reproductive toxicity

Not available.

#### **Teratogenicity**

Not available.

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

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

Not available.

Information on the likely

: Not available.

routes of exposure

#### Potential acute health effects

**Eye contact** : Causes serious eye damage.

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

**Skin contact**: Causes severe burns. May cause an allergic skin reaction.

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

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

**Eye contact**: Adverse symptoms may include the following:

pain watering redness

**Inhalation** : No specific data.

Date of issue/Date of revision : 6/25/2025 Date of previous issue : 6/15/2025 Version : 2.1 8/12

# Section 11. Toxicological information

**Skin contact**: Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur

**Ingestion**: Adverse symptoms may include the following:

stomach pains

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

#### **Short term exposure**

Potential immediate

: Not available.

effects

Potential delayed effects : Not available.

Long term exposure

Potential immediate

: Not available.

effects

Potential delayed effects : Not available.

#### Potential chronic health effects

Not available.

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed

to very low levels.

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)
Easy-Mix S 50 Epoxy Adhesive Hardener	2625.4	40740.7	N/A	N/A	N/A
pentaerythritol tetrakis(3-mercaptopropionate)	500	N/A	N/A	N/A	N/A
2,4,6-tris(dimethylaminomethyl)phenol	500	N/A	N/A	N/A	N/A
bis[(dimethylamino)methyl]phenol	500	1100	N/A	N/A	N/A

# **Section 12. Ecological information**

#### **Toxicity**

Not available.

#### Persistence and degradability

Not available.

#### **Bioaccumulative potential**

Date of issue/Date of revision : 6/25/2025 Date of previous issue : 6/15/2025 Version : 2.1 9/12

# Section 12. Ecological information

Product/ingredient name	LogPow	BCF	Potential
pentaerythritol tetrakis	3.03	23.7	Low
(3-mercaptopropionate)			
2,4,6-tris	0.219	-	Low
(dimethylaminomethyl)phenol			

**Mobility in soil** 

Soil/water partition coefficient (Koc)

: 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. 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	UN3082	Not available.	UN1760	UN1760
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (pentaerythritol tetrakis (3-mercaptopropionate))	Not available.	CORROSIVE LIQUID, N.O.S. (2,4,6-tris (dimethylaminomethyl) phenol, bis[ (dimethylamino)methyl] phenol)	CORROSIVE LIQUID, N.O.S. (2,4,6-tris (dimethylaminomethyl) phenol, bis[ (dimethylamino)methyl] phenol)
Transport hazard class(es)	9	Not available.	8	8
Packing group	III	-	III	III
Environmental hazards	Yes.	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: 2.43-2.45 (Class 9), 2.7 (Marine pollutant mark). Non-bulk packages of this product are not regulated as dangerous goods when transported by road or rail.

**IMDG** 

**IATA** 

: The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.

 The environmentally hazardous substance mark may appear if required by other transportation regulations.

Date of issue/Date of revision : 6/25/2025 Date of previous issue : 6/15/2025 Version : 2.1 10/12

# **Section 14. Transport information**

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: Not available.

to IMO instruments

# **Section 15. Regulatory information**

#### Canadian lists

**Canadian NPRI** : None of the components are listed. **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.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals** 

Not listed.

**Inventory list** 

**Australia** : Not determined. Canada : Not determined.

China : All components are listed or exempted.

**Eurasian Economic Union** : Russian Federation inventory: All components are listed or exempted.

Japan : Japan inventory (CSCL): All components are listed or exempted.

Japan inventory (ISHL): Not determined.

**New Zealand** : All components are listed or exempted. **Philippines** : All components are listed or exempted.

Republic of Korea : Not determined.

**Taiwan** : All components are listed or exempted. **Thailand** : All components are listed or exempted.

**Turkey** : Not determined. **United States** : Not determined.

**Viet Nam** : All components are listed or exempted.

### Section 16. Other information

**History** 

Date of printing : 6/27/2025 Date of issue/Date of : 6/25/2025

revision

Date of previous issue : 6/15/2025

Version : 2.1

Date of issue/Date of revision : 6/25/2025 : 6/15/2025 Version : 2.1 11/12 Date of previous issue

## **Section 16. Other information**

#### Key to abbreviations

: ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HPR = Hazardous Products Regulations 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)

N/A = Not available SGG = Segregation Group UN = United Nations

#### Procedure used to derive the classification

Classification	Justification
SKIN CORROSION - Category 1C SERIOUS EYE DAMAGE - Category 1 SKIN SENSITIZATION - Category 1A	Calculation method Calculation method Calculation method

References : Not available.

▼ Indicates information that has changed from previously issued version.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Date of issue/Date of revision : 6/25/2025 Date of previous issue : 6/15/2025 Version : 2.1 12/12