SAFETY DATA SHEET

According to OSHA Hazcom Standard 29 CFR 1910.1200

DH CUT 630HE

Date of issue: 2025-01-15 **Revision date: -** **Version: 1.0**

1. IDENTIFICATION

A. Product name

- DH CUT 630HE

B. Recommended use and restriction on use

- General use : Metal working fluids(MWFs)
- Restriction on use : Not available

C. Manufacturer / Supplier / Distributor information

○ **Manufacturer information**

- Company name : DH CHEMICALS Co., Ltd.
- Address : 3, Seongju-ro 137beon-gil, Seongsan-gu, Changwon-si, Gyeongnam, Korea.
- Emergency telephone number :

○ **Supplier/Distributer information**

- Company name : DH CHEMICALS Co., Ltd.
- Address : 3, Seongju-ro 137beon-gil, Seongsan-gu, Changwon-si, Gyeongnam, Korea.
- Emergency telephone number :

2. HAZARD IDENTIFICATION

A. GHS Classification

- Skin corrosion/irritation : Category2
- Serious eye damage/irritation : Category2
- Skin sensitization : Category1
- Specific target organ toxicity(Single exposure) : Category3(Respiratory tract irritation)

B. GHS label elements

○ **Hazard symbols**

○ **Signal words**

- Warning

○ **Hazard statements**

- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H335 May cause respiratory irritation.

○ **Precautionary statements**

1) Prevention

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

2) Response

- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- 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.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P321 Specific treatment (if in eyes, wash with plenty of running water; if in contact with skin, wash with plenty of running water; if inhaled, move to fresh air; if ingested, seek medical advice on whether to induce vomiting).
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash before reuse.

3) Storage

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.

4) Disposal

- P501 Dispose of contents/container in accordance with local/regional/national/international regulation

C. Other hazards which do not result in classification

- Not available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Trade names and Synonyms	CAS No.	Content(%)
Water	Aqua; Dihydrogen oxide	7732-18-5	60 ~ 70
Triethanolamine	Amine, triethyl, 2,2',2''-trihydroxy- ; Nitrilotriethanol ; Nitrilo-2,2',2''-triethanol ; Trihydroxytriethylamine ; 2,2',2''-Nitrilotriethanol ;	102-71-6	15 ~ 25
Propylene glycol	1,2-Dihydroxypropane ; 2-Dihydroxypropanol ; Alpha-beta-dioxypropan ; 1,2-Hydroxypropane ; 2-Hydroxypropanol ; Methylethylene glycol ; 1,2-Propanediol ; Propane-1,2-diol ;	57-55-6	1 ~ 10
Neodecanoic acid	7,7-dimethyloctanoic acid	26896-20-8	1 ~ 5
6,6',6''-(1,3,5-Triazine-2,4,6-triyltriimino)trishexanoic acid	2,4,6-Tri-(6-aminocaproic acid)-1,3,5-triazine in stock	80584-91-4	0 ~ 5
2-Amino-2-methyl-1-propanol	1-Propanol, 2-amino-2-methyl- ; 2-Amino-2-methylpropanol ; PROPANOL, 2-AMINO-2-METHYL- ; PROPAN-1-OL, 2-AMINO-2-METHYL- ; 2-AMINOISOBUTANOL ; AMINOMETHYLPROPANOL ; b-Aminoisobutanol ; 1,1-Dimethyl-2-hydroxyethylamine ; 2,2-Dimethylethanolamine ; 2-Amino-1-hydroxy-2-methylpropane ; 2-Amino-2,2-dimethylethanol ; 2-Aminodimethylethanol ; 2-Hydroxy-1,1-dimethylethylamine ; 2-Hydroxymethyl-2-propylamine ; 2-Methyl-2-amino-1-propanol ; 2-Methyl-2-aminopropanol ; Hydroxy-tert-butylamine ; Isobutanol-2-amine ; Isobutanol amine ;	124-68-5	0 ~ 5
(9Z,12R)-12-Hydroxy-9-octadecenoic acid homopolymer	Condensed Ricinoleic Acid	27925-02-6	1 ~ 5

Ethoxylated propoxylated alcohols (C=12-14)	Alcohols, C12-14, ethoxylated propoxylated ; Ethoxylated propoxylated alcohols (C = 12-14) ; ALCOHOLS, C12-14, ETHOXYLATED, PROPOXYLATED ; FATTY ALCOHOLS, C12-14, ETHOXYLATED, PROPOXYLATED ; Alkoxy alcohols, C12-14, ethoxylated propoxylated ; Alkoxy alcs., C12-14, ethoxylated propoxylated ; Ethoxylated alcohols, C12-14, ethoxylated propoxylated ; Ethoxylated propoxylated C12-14 alcs. ; Linear (C12-C14) alkyl alcohols, ethoxylated, propoxylated ;	68439-51-0	0 ~ 1.5
1,2,3-Benzotriazole	Benzotriazole ; 1H-Benzotriazole ; 1,2,3-Triazaindene ; Aziminobenzene ; 1,2-Aminoazophenylene ; Azimidobenzene ; Benzisotriazole ; 2,3-Diazaindole ; 1,2,3-Triaza-1H-indene ;	95-14-7	0 ~ 0.5
1,2-Benzisothiazol-3(2H)-one	1,2-Benzisothiazol-3-one ; 1,2-Benzisothiazolin-3-one ; 1,2-Benzisothiazolone ; 1,2-Benzisothiazol-3-ol ; 3-Hydroxy-1,2-benzisothiazole ; Benzisothiazolone ; Benzocil ;	2634-33-5	0 ~ 0.5
Siloxanes and silicones, di-Me, Me hydrogen, reaction products with polyethylene-polypropylene glycol monoallyl ether and vinyl group-terminated di-Me siloxanes	CSR160805-21159	191233-73-5	0 ~ 0.5

4. FIRST AID MEASURES

A. Eye contact

- Do not rub your eyes.
- Immediately flush eyes with plenty of water for at least 15 minutes and call a doctor/physician.
- Get medical attention immediately.
- Go to the hospital immediately if symptoms(flare, irritate) occur.
- Remove contact lenses if worn.

B. Skin contact

- Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- Wash contaminated clothing thoroughly before re-using.
- Get medical attention immediately.
- Go to the hospital immediately if symptoms(flare, irritate) occur.
- Wash thoroughly after handling.

C. Inhalation contact

- Take specific treatment if needed.
- When exposed to large amounts of steam and mist, move to fresh air.
- Get medical attention immediately.

D. Ingestion contact

- Please be advised by doctor whether induction of vomit is demanded or not.
- Rinse your mouth with water immediately.
- Get medical attention immediately.

E. Delayed and immediate effects and also chronic effects from short and long term exposure

- Not available

F. Notes to physician

- Notify medical personnel of contaminated situations and have them take appropriate protective measures.

5. FIREFIGHTING MEASURES

A. Suitable (Unsuitable) extinguishing media

- Avoid use of water jet for extinguishing
- Dry chemical, carbon dioxide, regular foam extinguishing agent, spray

B. Specific hazards arising from the chemical

- Causes serious eye irritation
- Causes skin irritation
- May cause an allergic skin reaction
- May cause respiratory irritation.

C. Special protective actions for firefighters

- Avoid inhalation of materials or combustion by-products.
- Cool containers with water until well after fire is out.
- Do not approach the tank surrounded by fire until it is extinguished.
- In case of conflagration, use automatic fire sprinkler. Major fire may require withdrawal, allowing the object itself to burn.
- Keep unauthorized personnel out.

6. ACCIDENTAL RELEASE MEASURES

A. Personal precautions, protective equipment and emergency procedures

- Do not touch spilled material. Stop leak if you can do it without risk.
- Handle the damaged containers or spilled material after wearing appropriate protective equipment
- Move container to safe area from the leak area.
- Must work against the wind, let the upwind people to evacuate.
- Remove all sources of ignition.

B. Environmental precautions

- If large amounts have been spilled, inform the relevant authorities.
- Prevent runoff and contact with waterways, drains or sewers.

C. Methods and materials for containment and cleaning up

- Appropriate container for disposal of spilled material collected.
- Dike for later disposal.
- Disposal of waste shall be in compliance with the Wastes Control Act
- Large spill : Stay upwind and keep out of low areas. Dike for later disposal.
- Notify the central and local government if the emission reach the standard threshold.

7. HANDLING AND STORAGE

A. Precautions for safe handling

- Avoid contact with incompatible materials.
- Avoid direct physical contact.
- Comply with all applicable laws and regulations for handling
- Dealing only with a well-ventilated place.
- Do not handle until all safety precautions have been read and understood.

B. Conditions for safe storage, including any incompatibilities

- Avoid direct sunlight.
- Check regularly for leaks.
- Do not apply any physical shock to container.
- Do not apply direct heat.
- Do not use damaged containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

A. Exposure limits

○ **ACGIH TLV**

- [Triethanolamine] : TWA 5 mg/m3

○ **OSHA PEL**

- Not applicable

B. Engineering controls

- Business owner is recommended to maintain below recommended exposure limits for the working place with general exhaust of gas/vapour/mist/fume.

C. Individual protection measures, such as personal protective equipment

○ **Respiratory protection**

- Any air-purifying respirator with a full facepiece and an organic vapor canister.
- Any chemical cartridge respirator with a full facepiece and organic vaporcartridge(s).
- Any chemical cartridge respirator with organic vapor cartridge(s).
- Consider warning properties before use.
- For Unknown Concentration or Immediately Dangerous to Life or Health : Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply. Any self-contained breathing apparatus with a full facepiece.
- Respiratory protection is ranked in order from minimum to maximum.
- Under conditions of frequent use or heavy exposure, Respiratory protection may be needed.

○ **Eye protection**

- Provide an emergency eye wash station and quick drench shower in the immediate work area.
- Wear primary eye protection such as splash resistant safety goggles with a secondary protection face shield.

○ **Hand protection**

- Wear appropriate chemical resistant glove.

○ **Skin protection**

- Wear appropriate chemical resistant protective clothing.

○ **Others**

- Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

A. Appearance	
- Appearance	Liquid
- Color	Light yellow transparent
B. Odor	Mild amine odor
C. Odor threshold	Not available
D. pH	8.9 (3.3% sol'n.)
E. Melting point/Freezing point	Not available
F. Initial Boiling Point/Boiling Ranges	Not available
G. Flash point	Not available
H. Evaporation rate	Not available
I. Flammability(solid, gas)	Not available
J. Upper/Lower Flammability or explosive limits	Not available
K. Vapour pressure	Not available
L. Solubility	Not available
M. Vapour density	Not available
N. Specific gravity(Relative density)	1.04
O. Partition coefficient of n-octanol/water	Not available
P. Autoignition temperature	Not available
Q. Decomposition temperature	Not available
R. Viscosity	Not available
S. Molecular weight	Not available

10. STABILITY AND REACTIVITY

A. Chemical Stability

- This material is stable under recommended storage and handling conditions.

B. Possibility of hazardous reactions

- Hazardous Polymerization will not occur.

C. Conditions to avoid

- Avoid : Accumulation of electrostatic charges, Heating, Flames and hot surfaces
- Avoid contact with incompatible materials and condition.

D. Incompatible materials

- Not available

E. Hazardous decomposition products

- May emit flammable vapour if involved in fire.

11. TOXICOLOGICAL INFORMATION

A. Information on the likely routes of exposure

○ **Respiratory tracts**

- May cause respiratory irritation.

○ **Oral**

- Not available

○ **Eye·Skin**

- Causes skin irritation
- May cause an allergic skin reaction

B. Delayed and immediate effects and also chronic effects from short and long term exposure

○ **Acute toxicity**

*** Oral**

- Product (ATEmix) : >5000mg/kg
- [Water] : LD50 > 90000 ㎎/kg Rat (LD50 > 90 ml/kg) (HSDB)
- [Triethanolamine] : LD50 6400 ㎎/kg Rat (OECD TG 401) (ECHA)
- [Propylene glycol] : LD50 22000 mg/kg Rat (ECHA)
- [Neodecanoic acid] : LD50 2066 mg/kg Rat (NIER)
- [2-Amino-2-methyl-1-propanol] : LD50 2900 mg/kg Rat (NITE)
- [Ethoxylated propoxylated alcohols (C=12-14)] : LD50 = 3530 ㎎/kg Rat (e-Chemportal: HSNO: delltech)
- [1,2,3-Benzotriazole] : LD50 = 560 ㎎/kg Rat (Thomson Micromedex)
- [1,2-Benzisothiazol-3(2H)-one] : LD50 490 mg/kg Rat (OECD TG 401, GLP) (ECHA)

*** Dermal**

- Product (ATEmix) : >5000mg/kg
- [Triethanolamine] : LD50 >2000 mg/kg Rabbit (OECD TG 402) (ECHA)
- [Propylene glycol] : LD50 > 2000 mg/kg Rabbit, No death (ECHA)
- [Neodecanoic acid] : LD50 > 3640 mg/kg Rat (OECD TG 402)(ECHA)
- [2-Amino-2-methyl-1-propanol] : LD50 > 2000 ㎎/kg Rabbit (OECD TG 402, GLP) (ECHA)
- [1,2,3-Benzotriazole] : LD50 > 1000 ㎎/kg Rat (Thomson Micromedex)
- [1,2-Benzisothiazol-3(2H)-one] : LD50 >2000 mg/kg (OECD TG 402, GLP) (ECHA)

*** Inhalation**

- Product (ATEmix) : >50.0mg/L, Vapour, 4hr
- [Triethanolamine] : Vapor LC0 ca. 1.8 mg/m3 (No death) 8h Rat (OECD 403) (ECHA)
- [Propylene glycol] : Aerosol LC50 > 158.5 mg/L 4hr (317042 mg/㎥ 2hr) Rabbit (ECHA)
- [Neodecanoic acid] : Vapour LC50 > 3.67 mg/L 4hr Rat and Mouse No death (OECD TG 403)(ECHA)
- [1,2,3-Benzotriazole] : Mist/Dust LC50 = 1.43 ㎎/L 4 hr Rat (Thomson micromedex, NITE)
- [1,2-Benzisothiazol-3(2H)-one] : Dust LC50 0.25 mg/L 4hr Rat (OECD TG 403, GLP) (NITE), EU Harmonised Cat. 2 (ECHA)

○ **Skin corrosion/irritation**

- Causes skin irritation

○ **Serious eye damage/irritation**

- Causes serious eye irritation

○ **Respiratory sensitization**

- Not available

○ **Skin sensitization**

- May cause an allergic skin reaction

○ **Carcinogenicity**

*** IARC**

- [Triethanolamine] : Group 3

*** OSHA**

- Not available

*** ACGIH**

- Not available

*** NTP**

- Not available

*** EU CLP**

- Not available

○ **Germ cell mutagenicity**

- Not available

○ **Reproductive toxicity**

- Not available

○ **STOT-single exposure**

- May cause respiratory irritation.

○ **STOT-repeated exposure**

- Not available

○ **Aspiration hazard**

- Not available

12. ECOLOGICAL INFORMATION

A. Ecotoxicity

○ **Fish**

- [Triethanolamine] : LC50 11800 ㎎/ℓ 96 hr Pimephales promelas (APHA method) (ECHA)
- [Propylene glycol] : LC50 40613 mg/L 96hr Oncorhynchus mykiss, NOEC 11530 mg/L 7d Pimephales promelas (EPA 600/4-89/001) (ECHA)
- [Neodecanoic acid] : LC50 37.2 mg/L 96hr Oncorhynchus mykiss (NIER) NOEC > 2.22 mg/L 14day Oncorhynchus mykiss (OECD TG 305,GLP)(ECHA)
- [2-Amino-2-methyl-1-propanol] : LC50 184 mg/L 96 hr Pleuronectes platessa (EPA OPPTS 850.1075) (ECHA)
- [Ethoxylated propoxylated alcohols (C=12-14)] : LC50 0.7 ~ 5.7 ㎎/ℓ 96 hr (HSNO: Danish EPA)
- [1,2,3-Benzotriazole] : LC50 180mg/L 96hr Danio rerio (ECHA)
- [1,2-Benzisothiazol-3(2H)-one] : LC50 4.7 mg/L 96 hr Oryzias latipes (NIER)

○ **Crustaceans**

- [Triethanolamine] : EC50 609.98 ㎎/ℓ 48 hr Ceriodaphnia dubia (ECHA)
- [Propylene glycol] : LC50 18340 mg/L 48hr Ceriodaphnia dubia (EPA 600/4-90/0-27), NOEC 13020 mg/L 7d Ceriodaphnia sp. (EPA 600/4-89/001) (ECHA)
- [Neodecanoic acid] : EC50 47.1 mg/L 48hr Daphnia magna (NIER) NOEC 3.4 mg/L 7day Ceriodaphnia dubia (OECD TG 211)(ECHA)
- [2-Amino-2-methyl-1-propanol] : LC50 179 mg/L 48 hr Crangon crangon (EPA OPPTS 850.1045) (ECHA)
- [Ethoxylated propoxylated alcohols (C=12-14)] : EC50 0.29 ~ 270 ㎎/ℓ 48 hr (HSNO: Danish EPA)
- [1,2,3-Benzotriazole] : EC50 8.58mg/L 48hr Daphnia galeata (ECHA)
- [1,2-Benzisothiazol-3(2H)-one] : EC50 3.3 mg/L 48 hr Daphnia magna (NIER)

○ **Algae**

- [Triethanolamine] : EC50 216 ㎎/ℓ 72 hr Desmodesmus subspicatus (ECHA)
- [Propylene glycol] : EC50 24200 mg/L 72hr, NOEC 15000 mg/L 14d Raphidocelis subcapitata (OECD TG 201, GLP) (ECHA)
- [2-Amino-2-methyl-1-propanol] : EC50 > 103 mg/L 72 hr, NOEC 103 mg/L 72hr Skeletonema costatum (OECD TG 201, GLP) (ECHA)
- [1,2,3-Benzotriazole] : EC50 75mg/L 72hr Pseudokirchneriella subcapitata (ECHA)
- [1,2-Benzisothiazol-3(2H)-one] : EC50 0.262 mg/L 72 hr Pseudokirchneriella subcapitata (NIER), EC50 0.07mg/L 72hr, NOEC 0.0403mg/L Pseudokirchneriella subcapitata (ECHA)

B. Persistence and degradability

○ **Persistence**

- [Water] : log Kow -1.38 (HSDB)
- [Propylene glycol] : log Pow -1.07 (20.5℃, pH 6.2 ~ 6.4) (EU Method A.8, GLP) (ECHA)
- [Neodecanoic acid] : log Pow 2.1 (25℃,pH 6.7)(OECD TG 117)(ECHA)
- [6,6',6''-(1,3,5-Triazine-2,4,6-triyltriimino)trishexanoic acid] : log Kow 4.33 (Estimate)
- [2-Amino-2-methyl-1-propanol] : log Kow -0.63 (20 °C) (OECD TG 107) (ECHA)
- [Ethoxylated propoxylated alcohols (C=12-14)] : log Kow 5.96 (Estimate)
- [1,2,3-Benzotriazole] : log Kow 1.44 (CHRIP/ChemIDplus)
- [1,2-Benzisothiazol-3(2H)-one] : log Pow 0.7 (20 °C, pH 7) (ECHA)

○ **Degradability**

- Not available

C. Bioaccumulative potential

○ **Bioaccumulative potential**

- [Triethanolamine] : BCF < 0.4 ((25℃), Cyprinus carpio(Fish, fresh water), 2.5mg/l) (OECD TG 305) (ECHA)
- [Propylene glycol] : BCF 0.09 (Calculation) (ECHA)
- [Neodecanoic acid] : BCF < 225 L/kg (OECD TG 305)(ECHA)
- [6,6',6''-(1,3,5-Triazine-2,4,6-triyltriimino)trishexanoic acid] : BCF 3.162 (Estimate)
- [2-Amino-2-methyl-1-propanol] : BCF < 1 (ECHA)
- [Ethoxylated propoxylated alcohols (C=12-14)] : BCF 168 (Estimate)
- [1,2,3-Benzotriazole] : BCF = 2.5 (HSDB)
- [1,2-Benzisothiazol-3(2H)-one] : BCF ca. 6.62 (ECHA)

○ **Biodegradation**

- [Triethanolamine] : Readily biodegradability, ca. 100 (%) 5 day (Aerobic, CO2 evolution test) (ECHA)
- [Propylene glycol] : Ready biodegradable, 81.7 % degradation (CO2 evolution) 28 day (OECD TG 301F, GLP) (ECHA)
- [Neodecanoic acid] : Not readily biodegradable (NIER) 11 % degradation (O2 consumption) 28day (OECD TG 301F)(ECHA)
- [6,6',6''-(1,3,5-Triazine-2,4,6-triyltriimino)trishexanoic acid] : BIOWIN 6 (Estimate)
- [2-Amino-2-methyl-1-propanol] : Readily biodegradable, 98.1% (DOC removal) 28 d (OECD TG 301 F, GLP) (ECHA)
- [1,2,3-Benzotriazole] : Biodegradability = 2 (%) 28 day (CHRIP)
- [1,2-Benzisothiazol-3(2H)-one] : No biodegradation, very low levels of Degradation(CO2 evolution) 63d (OECD TG 301C, GLP) (ECHA)

D. Mobility in soil

- [Propylene glycol] : Koc 2.9 (Log Koc 0.46) (Calculation) (ECHA)
- [Neodecanoic acid] : Koc 342.1 (ECHA_QSAR)
- [6,6',6''-(1,3,5-Triazine-2,4,6-triyltriimino)trishexanoic acid] : Koc 206.1 (Low potential for soil adsorption)
- [Ethoxylated propoxylated alcohols (C=12-14)] : Koc = 13530 (Estimates)
- [1,2-Benzisothiazol-3(2H)-one] : log Koc ca. 0.97 (25 °C) (OECD TG 121, GLP) (ECHA)

E. Other adverse effects

- [2-Amino-2-methyl-1-propanol] : Chronic aquatic environment hazard category 3 (EU Harmonized)

13. DISPOSAL CONSIDERATIONS

A. Disposal methods

- It shall be treated by incineration
- Oil water separation technology shall be applied as pre-waste treatment if it is applicable
- Stabilization and minimization treatment by incineration or similar method can be applied, if more than two kinds of designated wastes are in mixture state and it is impractical to separate them
- Reclaim it after neutralizing and incinerating so that nothing will not happen at the incineration plant.
- Do high-temperature incineration, in case that the target waste about high-temperature incineration (for example, halogen family waste organic solvent) are mixed.

B. Special precautions for disposal

- Anyone with business license number who generates industrial wastes shall treat the waste by him/herself or by entrusting to the legal entities who treat the wastes, recycle the wastes of others or install and operate the waste treatment facilities according to the Wastes Control Act
- Dispose of waste in accordance with all applicable laws and regulations.

14. TRANSPORT INFORMATION

A. UN No. (IMDG CODE/IATA DGR)

- Not applicable

B. Proper shipping name

- Not applicable

C. Hazard Class

- Not applicable

D. IMDG CODE/IATA DGR Packing group

- Not applicable

E. Marine pollutant

- Not applicable

F. Special precautions for user related to transport or transportation measures

- Air transport(IATA): Not subject to IATA regulations.
- Local transport follows in accordance with Dangerous goods Safety Management Law.
- Package and transport follow in accordance with Department of Transportation (DOT) and other regulatory agency requirements.
- EmS FIRE SCHEDULE : Not available
- EmS SPILLAGE SCHEDULE : Not available

15. REGULATORY INFORMATION

A. National and/or international regulatory information

○ **POPs Management Law**

- [Water] : Not applicable
- [Triethanolamine] : Not applicable
- [Propylene glycol] : Not applicable
- [Neodecanoic acid] : Not applicable
- [6,6',6''-(1,3,5-Triazine-2,4,6-triyltriimino)trishexanoic acid] : Not applicable
- [2-Amino-2-methyl-1-propanol] : Not applicable
- [(9Z,12R)-12-Hydroxy-9-octadecenoic acid homopolymer] : Not applicable
- [Ethoxylated propoxylated alcohols (C=12-14)] : Not applicable
- [1,2,3-Benzotriazole] : Not applicable
- [1,2-Benzisothiazol-3(2H)-one] : Not applicable
- [Siloxanes and silicones, di-Me, Me hydrogen, reaction products with polyethylene-polypropylene glycol monoallyl ether and vinyl group-terminated di-Me siloxanes] : Not applicable

○ **Information of EU Classification**

*** Classification**

- [2-Amino-2-methyl-1-propanol] : H315,H319,H412
- [1,2-Benzisothiazol-3(2H)-one] : H302,H315,H317,H318,H330,H400,H410

○ **U.S. Federal regulations**

*** OSHA PROCESS SAFETY (29CFR1910.119)**

- Not applicable

*** CERCLA Section 103 (40CFR302.4)**

- Not applicable

*** EPCRA Section 302 (40CFR355.30)**

- Not applicable

*** EPCRA Section 304 (40CFR355.40)**

- Not applicable

*** EPCRA Section 313 (40CFR372.65)**

- Not applicable

○ **Rotterdam Convention listed ingredients**

- Not applicable

○ **Stockholm Convention listed ingredients**

- Not applicable

○ **Montreal Protocol listed ingredients**

- Not applicable

16. OTHER INFORMATION

A. Reference

- The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication. It is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability or fitness for a particular purpose is made with respect to the product or the information contained herein.

- This Safety Data Sheet was compiled with data and information from the following sources: KOSHA, NITE, ESIS, NLM, SIDS, IPCS

B. Issue date

- 2025-01-15

C. Revision number and Last date revised

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D. Other

- This SDS is prepared according to the Globally Harmonized System (GHS).