



Safety Data Sheet

according to Regulation (EC) No 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: EPOXY 5 MINUTE (STELL,CLEAR,) (resin)

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

Identified uses: Resin

1.3 Details of the supplier of the safety data sheet

Company Name

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Nklj wnt0P t0F/75: : 3'Gwunktej gp ll GTO CP [

1.4 Emergency telephone number

TEL - 6; *2-#4473998; 622623 FAX 6; *2-#4473998; 624

SECTION 2- HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC 1272/2008)

Adverse physicochemical, human health and environmental effects

Physical hazards

Not Classified

Health hazards:

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

Environmental hazards

Aquatic Chronic 2 - H411

Human health

The product contains an epoxy resin. May cause sensitisation or allergic reactions in sensitive individuals.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008[CLP]

Pictogram



Signal word

Warning

Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
EUH205 Contains epoxy constituents. May produce an allergic reaction.

Supplemental label information

Contains

EPOXY RESIN (Number average MW <= 700)

Supplementary

P261 Avoid breathing vapour/ spray.

precautionary statements

P264 Wash contaminated skin thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P321 Specific treatment (see medical advice on this label).
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P337+P313 If eye irritation persists: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P391 Collect spillage.
 P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable

3.2. Mixtures

Chemical name	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane	1675-54-3	100	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	01-2119456619-26

SECTION 4 - FIRST AID MEASURES**4.1. Description of first aid measures****General information**

Avoid contact with eyes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.

Skin contact

Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

4.2. Most important symptoms and effects, both acute and delayed**General information**

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

4.3. Indication of any immediate medical attention and special treatment needed**Notes for the doctor**

No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5 - FIREFIGHTING MEASURE**5.1. Extinguishing media****Suitable extinguishing media**

Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture**Specific hazards**

Irritating gases or vapours.

5.3. Advice for firefighters**Protective actions during firefighting**

Avoid breathing fire gases or vapours. Keep up-wind to avoid fumes. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7 - HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions Use only in well-ventilated areas. Handle and open container with care. Keep away from heat, sparks and open flame. Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10).

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Ingredient comments WEL = Workplace Exposure Limits
Glycidyl ethers of bisphenol A resin (average molecular weight <700) (CAS: 25068-38-6)
DNEL
Workers - Dermal; Short term systemic effects: 8.33 mg/kg/day
Workers - Inhalation; Short term systemic effects: 12.25 mg/m³

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles. Personal protective

Hand protection

Wear protective gloves made of the following material: Rubber or plastic. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 8 hours.

Other skin and body protection

Avoid contact with skin.

Hygiene measures

Provide eyewash station. Keep away from food, drink and animal feeding stuffs. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product. Change work clothing daily before leaving workplace. Promptly remove any clothing that becomes wet or contaminated.

If ventilation is inadequate, suitable respiratory protection must be worn. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Check that the respirator fits tightly and the filter is changed regularly. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140. Wear a respirator fitted with the following cartridge: Gas filter, type A2.

Respiratory protection

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Transparent
Odour	Slight.
pH	NOT AVAILABLE
Melting point/range / Freezing point:	NOT AVAILABLE
Boiling point/boiling range:	NOT AVAILABLE
Flash point:	266 °C (at 1013 hPa)
Vapour pressure:	25 °C: 4,6E-8 Pa
Density:	25 °C: 1,16-1,18 g/cm ³ (ASTM D4052)
Vapour density:	25 °C <1 g/cm ³ (Air=1)
Explosion limits:	Lower: Not determined. Upper: Not determined.
Solubility in / Miscibility with water:	20 °C: 6,9 mg/l
Partition coefficient (n-octanol/water):	3,242 log POW
Viscosity:	7000-10000 cps, 25 °C

9.2. Other information

Other information	Not available.
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SECTION 10 - STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity	When properly handled and stored, no dangerous reaction is known.
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10.2. Chemical stability

Stability	This product is stable under prescribed use and storage.
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10.3. Possibility of hazardous reactions

Possibility of hazardous	Reacts with acids, alkalis and oxidizing agents. Reacts with amines. Masses of more than one pound (0.5 kg) of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build-up.
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10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid	Avoid contact with the following materials: Strong oxidising agents. Strong acids. Amines.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.
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SECTION 11 - TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Skin contact	Irritating to skin. May cause sensitisation by skin contact. The product contains a small
Eye contact	Irritating to eyes.
Acute and chronic health hazards	The product contains an epoxy resin. May cause sensitisation or allergic reactions in sensitive individuals.
Route of entry	Inhalation Ingestion. Skin and/or eye contact

Acute toxicity:

- LD/LC50 values relevant for classification:
- 25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight 700)
- Oral LD50 >2000 mg/kg (rat)
- Dermal LD50 >2000 mg/kg (rat)
- Skin corrosion/irritation:
- Causes skin irritation.
- Rabbit: irritating to the skin (OECD 404)
- Serious eye damage/eye irritation:
- Causes serious eye irritation.
- Rabbit: irritating to the eye (OECD 405)
- Respiratory or skin sensitization:
- May cause an allergic skin reaction.
- Mouse (Local Lymph Node Assay): Sensitizing to the skin (OECD 429)
- Germ Cell Mutagenicity: Not classified based on available data.
- Carcinogenicity: Not classified based on available data.
- Reproductive Toxicity: Not classified based on available data.
- Specific Target Organ Toxicity - Single Exposure (STOT SE): Not classified based on available data.
- Specific Target Organ Toxicity - Repeated Exposure (STOT RE):
- Not classified based on available data.
- Aspiration Hazard: Not classified based on available data.
- Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- on the eye: Irritating effect.
- Sensitization: Sensitization possible through skin contact.
- Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/eye irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation	
Skin sensitisation:	May cause an allergic skin reaction
Respiratory sensitisation:	Not classified based on available information.
Germ cell mutagenicity:	Not classified based on available information.
Carcinogenicity:	Not classified based on available information.
Reproductive toxicity:	Not classified based on available information.
STOT - single exposure:	Not classified based on available information.
STOT - repeated exposure:	Not classified based on available information.
Aspiration toxicity:	Not classified based on available information.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity Avoid

12.1. Toxicity

Toxicity

Toxic to aquatic life with long lasting effects.
 Glycidyl ethers of bisphenol A resin (average molecular weight <700) (CAS: 25068-38-6)
 EC50/48h (static) 9,4 mg/l (algae) (EPA-660/3-75-009)
 IC50 (static) >100 mg/l (microorganism) (3h)
 LC50/48h (static) 2,7 mg/l (invertebrate) (EPA-660/3-75-009)
 LC50/96h 1,2 mg/l (fish) (EPA-660/3-75-009, semi-static)
 NOEC (static) 4,2 mg/l (algae) (EPA-660/3-75-009, 72h)
 0,3 mg/l (invertebrate) (OECD 211, semi-static, 21d)

12.2. Persistence and degradability

Not easily biodegradable.

12.3. Bioaccumulative potential

Bioconcentration Factor (BCF) : 31
Partition coefficient, n-octanol/water (log) 13,242 @ 25 °C (est.)

12.4. Mobility in soil

Do not discharge into drains or watercourses or onto the ground.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products: Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable
Contaminated Packaging: Improper disposal or reuse of this container may be dangerous and illegal.

SECTION 14: Transport information

General No other information known.

14.1. UN number

UN No. (ADR/RID) 3082
UN No. (IMDG) 3082
UN No. (ICAO) 3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700))
Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700))
Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700))
Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700))

14.3. Transport hazard class(es)

ADR/RID class 9
ADR/RID label 9
IMDG class 9
ICAO class/division 9
Transport labels



14.4. Packing group

ADR/RID packing group III
IMDG packing group III
ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS F-A, S-F
Emergency Action Code •3Z
Hazard Identification Number (ADR/RID) 90
Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information required.

SECTION 15 - REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Date Prepared:

2022-FEB

Prepare by:

Technical Service Department



Safety Data Sheet

according to Regulation (EC) No 1907/2006

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: Epoxy resin in syringe (hardener)

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

1.3 Details of the supplier of the safety data sheet

Winkel GmbH

Lisztstr. Nr.1 D-53881 Euskirchen/GERMANY

Company Name

1.4 Emergency telephone number

TEL +49 (0) 22517769400401 FAX 49 (0) 22517769402

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319
Environmental hazards	Not Classified

2.2. Label elements

Pictogram



Signal word

Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.

Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.
P321 Specific treatment (see medical advice on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: COMPOSITION, INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2. Mixtures

Chemical name	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Tri(dimethylaminomethyl)phenol	90-72-2	10-30	Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	01-2119560597-27
Poly[oxy(methyl-1,2-ethanediyl)], . alpha.-hydro.-omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3- propanediol (4:1), 2-hydroxy-3- mercaptopropyl ether	72244-98-5	70-90	Skin Sens. 1B (H317) Aquatic Chronic 3 (H412)	01-2120118957-46-0000

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Give plenty of water to drink. Get medical attention.
Skin contact	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if irritation persists after washing.

4.2. Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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SECTION 5: FIRE FIGHTING MEASURE

5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Full water jet. Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical: Product is or contains a sensitizer. May cause sensitisation by skin contact.

Hazardous combustion products: Carbon dioxide (CO₂), Carbon monoxide, Oxides of sulphur, Hazardous metal fumes and oxides.

5.3. Advice for firefighters

Special protective equipment for fire-fighters: Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Other information:	Refer to protective measures listed in Sections 7 and 8.
For emergency responders:	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions:	Prevent further leakage or spillage if safe to do so.
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6.3. Methods and material for containment and cleaning up

Methods for containment:	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
Methods for cleaning up:	Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to other sections:	See section 8 for more information. See section 13 for more information.
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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling:	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse.
General hygiene considerations:	Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions:	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.
Storage Temperature:	< 90°F (32°C)

7.3. Specific end use(s)

Specific Use(s):	Filler.
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Risk Management Methods (RMI) The information required is contained in this Safety Data Sheet.

Other information:	Observe technical data sheet.
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Ingredient comments	No exposure limits known for ingredient(s).
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8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Use protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. It is recommended that gloves are made of the following material: Butyl rubber. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 8 hours.

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures	Provide eyewash station and safety shower. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Promptly remove any clothing that becomes wet or contaminated.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Check that the respirator fits tightly and the filter is changed regularly. Wear a respirator fitted with the following cartridge: Gas filter, type A2. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	liquid
Color:	Clear/ Gray
Odor:	Amine, Mercaptan
Solubility (in water):	Insoluble in water
Evaporation Rate:	NOT AVAILABLE
Vapor Density:	Non-Volatile
% Volatile Weight:	0.00%
Vapor Pressure:	NOT AVAILABLE
Flash Point:	> 93 °C (> 199.4 °F) Tagliabue closed cup
Auto Ignition Temperature:	NOT AVAILABLE
Upper Explosive Limit:	NOT AVAILABLE
Lower Explosive Limit:	NOT AVAILABLE
Boiling Point:	NOT AVAILABLE
Melting Point:	NOT AVAILABLE
VOC:	< 1%
Heavy Elements (ppm):	0
Specific Gravity:	1.04

9.2. Other information

Other information	Not available.
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NOTE:

The physical data represented above are typical values and should not be construed as a specification. For additional physical data and details on use, please obtain a technical data sheet for this product.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity	Strong oxidising agents. Amines.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not available.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat. Avoid contact with the following materials: Strong oxidising agents.
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10.5. Incompatible materials

Materials to avoid	Avoid contact with oxidising agents. Amines.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Fire or high temperatures create: Nitrous gases (NOx). Oxides of the following substances: Carbon monoxide (CO). Carbon dioxide (CO2). Vapours/gases/fumes of: Ammonia or amines.
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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Effect of over -exposure:	Irritation of intestinal tract if ingested.
Exposure Limits:	Mercaptan polymer :No records 2,4,6-Tris(dimethylaminomethyl)phenol Health Effects/Target Organs/Irritant, Allergen

Sensitization:	May cause sensitization by skin and eye contact.
Reproductive Toxicity:	Not known
Teratogenicity:	Not known
Mutagenicity:	Not known
Synergistic Products:	Not known

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground.

12.1. Toxicity

Toxicity Not considered toxic to fish.

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility Do not discharge into drains or watercourses or onto the ground.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Pro Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable
Contaminated Packaging: Improper disposal or reuse of this container may be dangerous and illegal.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ICAO) 3334

14.2. UN proper shipping name

Not applicable.

Proper shipping name (ADR/RID) AVIATION REGULATED LIQUID, N.O.S. (Mercaptan/Amine Blend)

Proper shipping name (IMD) AVIATION REGULATED LIQUID, N.O.S. (Mercaptan/Amine Blend)

Proper shipping name (ICAO) AVIATION REGULATED LIQUID, N.O.S. (Mercaptan/Amine Blend)

Proper shipping name (ADN) AVIATION REGULATED LIQUID, N.O.S. (Mercaptan/Amine Blend)

14.3. Transport hazard class(es)

No information required.

ICAO class/division 9

Transport labels 

14.4. Packing group

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable.
Annex II of MARPOL 73/78
and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Hazard statements in full H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Date Prepared: 2022-FEB
Prepare by: Technical Service Department