

SAFETY DATA SHEET**POXY B**

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued	09.12.2009
Revision date	16.11.2023

1.1. Product identifier

Product name	POXY B
Article no.	T512106

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

Use of the substance / mixture	Two component epoxy based adhesive. Hardener.
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1.3. Details of the supplier of the safety data sheet

Company name	Relekta AS
Office address	Innspurten 1A
Postal address	Postboks 6169 Etterstad
Postcode	0663
City	Oslo
Country	Norway
Telephone number	+47 22 66 04 00
Fax	+47 22 66 04 01
Email	post@relekta.no
Website	www.relekta.no
Enterprise No.	NO 831 881 372

1.4. Emergency telephone number

Emergency telephone	Telephone number: +47 22 59 13 00 Description: Norwegian Poison Information Center
	Telephone number: 112 Description: Within Sweden: Ask for Poison Information

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	<p>Skin Corr. 1B; H314</p> <p>Eye Dam. 1; H318</p> <p>Skin Sens. 1; H317</p>
Substance / mixture hazardous properties	<p>Causes severe skin burns and eye damage.</p> <p>Causes serious eye damage.</p> <p>May cause an allergic skin reaction.</p>

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	1,3-bis[3-(dimethylamino)propyl]urea, 3-aminomethyl-3,5,5-trimethylcyclohexylamine
Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction.
Precautionary statements	<p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P102 Keep out of reach of children.</p> <p>P280 Wear eye protection/face protection/protective gloves/protective clothing.</p> <p>P260 Do not breathe vapours/mist.</p> <p>P264 Wash hands thoroughly after handling.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents / container to approved waste reception.</p>

2.3. Other hazards

PBT / vPvB	The chemical contains no PBT or vPvB substances.
Other hazards	<p>In case of spills, beware of slippery floors and surfaces.</p> <p>The chemical does not contain any known or suspected endocrine disruptors.</p>

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
1,3-bis[3-(dimethylamino)propyl]urea	CAS No.: 52338-87-1 EC No.: 257-861-2	Skin Corr. 1C; H314 Eye Dam. 1; H318	< 10 %	
3-aminomethyl-3,5,5-trimethylcyclohexylamine	CAS No.: 2855-13-2 EC No.: 220-666-8 REACH Reg. No.:	Skin Sens. 1; H317 Acute Tox. 4; H312 Acute Tox. 4; H302	< 10 %	

	01-2119514687-32	Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Chronic 3; H412
Remarks, substance	CAS No 2855-13-2 has specific concentration limits: Skin Sens. 1A; H317: C ≥ 0,001 %	
Substance comments	CAS: 2855-13-2 ATE (oral): 1030 mg/kg	See section 16 for explanation of hazard statements (H) listed above. For substances without REACH registration number, no information has been provided by the subcontractor or manufacturer.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Emergency telephone number: see section 1.4. Sweden: In case of unconsciousness or severe accidents, call 112. Norway: In case of unconsciousness or severe accidents, call 113.
Inhalation	Fresh air and rest. Get medical attention if any discomfort continues. For breathing difficulties oxygen may be necessary.
Skin contact	Remove contaminated clothing. Immediately flush with large amount of water, at least for 15 min. Get medical attention immediately! Chemical burns must be treated by a physician. Wash contaminated clothes before reuse.
Eye contact	Promptly wash eyes with plenty of water while lifting the eye lids. Remove any contact lenses. Continue to rinse for 30 minutes. Use luke warm water to avoid damage to the eye. Get medical attention immediately! Transport to physician. Keep on flushing during transport.
Ingestion	Rinse mouth thoroughly. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Do not induce vomiting. Get medical attention immediately! Transport to hospital. Bring the safety data sheet.

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

General symptoms and effects	Risk of perforation of the esophagus. Hospital treatment is required.
Acute symptoms and effects	May cause respiratory irritation. The chemical is corrosive to the eyes and may cause permanent damage. Symptoms such as strong burning, tearing/watering, redness and blurred vision may occur. In severe cases, there is a risk of visual damage/blindness. Burning pain and severe corrosive skin damage. Forms blisters and can cause ulceration. May cause sensitisation by skin contact. Allergic skin reactions: symptoms may include redness, swelling, blistering and itching. Causes burns if swallowed. Causes burning sensation in the mouth, throat and esophagus. May cause serious permanent damage.

4.3. Indication of any immediate medical attention and special treatment needed

Other information	No specific information from the manufacturer. Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, fog or mist. Alcohol resistant foam. Carbon dioxide (CO2). Powder.
Improper extinguishing media	Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The chemical is not classified as flammable.
Hazardous combustion products	May develop highly toxic or corrosive fumes if heated. May include, but is not limited to: Carbon dioxide (CO2). Carbon monoxide (CO). Oxides of nitrogen (NOx)

5.3. Advice for firefighters

Personal protective equipment	Use compressed air equipment when the chemical is involved in fire. In case of evacuation, an approved protection mask should be used. See also section 8.
Other information	Containers close to fire should be removed immediately or cooled with water. Spill water from fire fighting may be strongly caustic. Extinguishing water must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Isolate the area. Keep away from sources of ignition - No smoking.
Personal protection measures	Beware! The product is corrosive. Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes. Use protective equipment as referred to in section 8.

6.2. Environmental precautions

Environmental precautionary measures	Do not allow to enter into sewer, water system or soil.
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6.3. Methods and material for containment and cleaning up

Clean up	Absorb in vermiculite, dry sand or earth and place into containers. Collect in a suitable container and dispose as hazardous waste according to section 13. Wash the contaminated surface with water.
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6.4. Reference to other sections

Other instructions	See also sections 8 and 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes. Use protective equipment as referred to in section 8. Persons
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susceptible to allergic reactions should not handle this product.

Protective safety measures

Safety measures to prevent fire	Do not use near naked flames or glowing materials. Keep away from sources of ignition - No smoking. Use explosion-proof electrical / ventilating / lighting // equipment.
Advice on general occupational hygiene	Wash hands at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke during work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in tightly closed original container in a dry, cool and well-ventilated place.
Conditions to avoid	Protect from sunlight. Keep away from heat, sparks and open flame. Frost.

Conditions for safe storage

Advice on storage compatibility	Keep away from: Oxidizing agents. Strong acids. Strong alkalis. Water/moisture. Food and feed.
Storage temperature	Value: 10 - 20 °C

7.3. Specific end use(s)

Specific use(s)	See section 1.2.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Control parameters comments	Contains no substances with occupational exposure limit values. References (laws/regulations): Norwegian regulation on exposure limits: FOR-2011-12-06-1358 Forskrift om tiltaks- og grenseverdier (sist endret gjennom FOR-2023-03-24-412). Swedish regulation on exposure limits: Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden, "Hygieniska gränsvärden", AFS 2018:1
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DNEL / PNEC

DNEL	<p>Group: Professional Route of exposure: Long-term inhalation (systemic) Value: 0.073 mg/m³ Comments: Applies to CAS: 2855-13-2.</p> <p>Group: Professional Route of exposure: Acute inhalation (local) Value: 0.073 mg/m³ Comments: Applies to CAS: 2855-13-2.</p> <p>Group: Consumer Route of exposure: Long-term oral (systemic) Value: 0.3 mg/kg bw/day Comments: Applies to CAS: 2855-13-2.</p>
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PNEC	<p>Route of exposure: Freshwater Value: 0.06 mg/l Comments: Applies to CAS: 2855-13-2.</p> <p>Route of exposure: Freshwater Value: 0.23 mg/l Comments: Intermittent release. Applies to CAS: 2855-13-2.</p> <p>Route of exposure: Saltwater Value: 0.006 mg/l Comments: Applies to CAS: 2855-13-2.</p> <p>Route of exposure: Sewage treatment plant STP Value: 3.18 mg/l Comments: Applies to CAS: 2855-13-2.</p> <p>Route of exposure: Freshwater sediments Value: 5.784 mg/kg dw Comments: Applies to CAS: 2855-13-2.</p> <p>Route of exposure: Saltwater sediments Value: 0.578 mg/kg dw Comments: Applies to CAS: 2855-13-2.</p> <p>Route of exposure: Soil Value: 1.121 mg/kg dw Comments: Applies to CAS: 2855-13-2.</p>
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8.2. Exposure controls

Precautionary measures to prevent exposure

Technical measures to prevent exposure	<p>Provide adequate ventilation. The personal protective equipment must be CE-marked and the latest version of the standards shall be used. The protective equipment and the specified standards recommended below are only suggestions, and should be selected on advice from the supplier of such equipment.</p> <p>A risk assessment of the work place/work activities (the actual risk) may lead to other control measures. The protection equipment's suitability and durability will depend on application.</p>
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Eye / face protection

Eye protection equipment	<p>Description: Wear tight-fitting goggles or face shield.</p> <p>Reference to relevant standard: EN ISO 16321-1:2022 (Eye and face protection for occupational use - Part 1: General requirements).</p>
Additional eye protection measures	<p>Eye wash facilities shall be available at the work place. Either a fixed eye wash facility connected to the drinking water (preferably warm water) or a portable disposable unit.</p>

Hand protection

Suitable gloves type	Nitrile.
Breakthrough time	Value: > 120 minutter.

Thickness of glove material	Value: 0,2 mm
Hand protection equipment	Description: Use protective gloves that are suitable for the application. The gloves abilities may vary among the different glove manufacturers. Reference to relevant standard: EN ISO 374 (Protective gloves against chemicals and micro-organisms). EN ISO 21420:2020 (Protective gloves - General requirements and test methods).
Additional hand protection measures	Replace gloves if signs of wear and tear. Gloves must only be worn on clean, dry hands.

Skin protection

Recommended protective clothing	Description: Wear appropriate protective clothing to protect against skin contact.
Additional skin protection measures	Emergency shower should be available at the workplace.

Respiratory protection

Recommended respiratory protection	Description: If there is insufficient ventilation, use a respirator with type A-filter. Reference to relevant standard: EN 14387 (Respiratory protective devices. Gas filter(s) and combined filter(s). Requirements, testing, marking).
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Appropriate environmental exposure control

Environmental exposure controls	Do not allow to enter into sewer, water system or soil. See also section 12.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Light yellow. to Rosa.
Odour	Mild.
pH	Comments: Not specified by the manufacturer.
Melting point / melting range	Comments: Not specified by the manufacturer.
Boiling point / boiling range	Comments: Not specified by the manufacturer.
Flash point	Comments: Not specified by the manufacturer.
Flammability	The product is not classified as flammable.
Explosion limit	Comments: Not specified by the manufacturer.
Vapour pressure	Comments: Not specified by the manufacturer.
Vapour density	Comments: Not specified by the manufacturer.
Particle characteristics	Comments: Not relevant.
Relative density	Value: 1,13 - 1,17 Temperature: 25 °C
Density	Value: 1130 - 1170 kg/m ³ Temperature: 25 °C
Solubility	Medium: Water

Partition coefficient: n-octanol/water	Comments: Soluble.
Auto-ignition temperature	Comments: Not relevant for a mixture.
Decomposition temperature	Comments: Not specified by the manufacturer.
Viscosity	Comments: Not specified by the manufacturer.

9.2. Other information

Physical hazards

Content of VOC	Value: < 10 %
	Value: 115 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	When heated, the risk of fire increases.
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10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	May arise in contact with incompatible materials (see section 10.5) and/or under inappropriate conditions (see section 10.4).
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid	Oxidizing agents. Strong bases. Strong acids. Water/moisture.
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10.6. Hazardous decomposition products

Hazardous decomposition products	None under normal conditions. See also section 5.2.
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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Other toxicological data	1,3-bis(3-(dimethylaminopropyl)urea (CAS: 52338-87-1) Oral, ATE, > 2000 mg/kg body weight, calculated value, 3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2) Oral, LD50, Equivalent to OECD 401, 1030 mg/kg, Rat (male), Experimental value, Skin, LD50, OECD 402, > 2000 mg/kg body weight, 24 hours, Rat (male/female),
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	Experimental value Dermal, category 4, Literature study, Inhalation (aerosol), LC50, OECD 403, > 5.01 mg/l, 4 h, Rat (male/female), Experimental value
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Other information regarding health hazards

Assessment of acute toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of skin corrosion / irritation, classification	Causes severe burns to the skin.
Assessment of eye damage or irritation, classification	Causes serious eye damage.
Assessment of respiratory sensitisation, classification	Based on available data, the classification criteria are not met.
Assessment of skin sensitisation, classification	May cause sensitisation by skin contact.
General	<p>Corrosive/Irritating</p> <p>1,3-bis(3-(dimethylaminopropyl)urea (CAS: 52338-87-1) Eye, Serious eye damage; category 1, Literature study Skin, corrosive; category 1C, Literature study</p> <p>3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2) Eye, Serious eye damage, OECD 405, 24 hours, Rabbit, Experimental value, Single treatment without rinsing Skin, corrosive, Draize test, 24 hours, 24; 72 hours, rabbit, experimental value</p> <p>Sensitizing for skin and respiratory tract</p> <p>3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2) Oral (drinking water), NOAEL, OECD 408, 59 mg/kg bw/day - 62 mg/kg bw/day, Kidney, No effect, 13 weeks (daily), Rat (male/female), Experimental value Oral (drinking water), LOAEL, OECD 408, 160 mg/kg body weight/day, Kidney, Histopathology, 13 weeks (daily), Rat (male/female), Experimental value Skin, Data Deviating Inhalation (mixture of vapor and aerosol), LOEC, Subacute toxicity test, 18 mg/m³ air, Nose, Local effects, Rat (male), Experimental value</p> <p>Mutagenic properties (in vitro)</p> <p>3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2) Negative with metabolic activation, negative without metabolic activation, OECD 473, Chinese hamster ovary (CHO), No effect, Experimental value Negative with metabolic activation, negative without metabolic activation, OECD 476, Chinese hamster ovary (CHO), No effect, Experimental value Negative with metabolic activation, negative without metabolic activation, Equivalent to OECD 471, Bacteria (S. typhimurium), No effect, Experimental value</p> <p>Mutagenic properties (in vivo)</p> <p>3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2) Negative (Oral (gastric tube)), OECD 474, Mouse (male/female), Blood, Experimental value</p>

	<p>Carcinogenic properties</p> <p>3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2) Unknown, data dropout</p> <p>The reproductive toxicist</p> <p>3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2) Developmental toxicity (Oral (gastric tube)), NOAEL, OECD 414, > 250 mg/kg bw/day, 2 weeks (daily), Rat, No effect, Fetus, Experimental value Maternal toxicity (Oral (gastric tube)), NOEL, OECD 414, 50 mg/kg bw/day, 2 weeks (daily), Rat, No effect, Experimental value Effects on fertility (Oral (gastric tube)), NOAEL, OECD 443, 80 mg/kg body weight/day, Rat (male/female), No effect, Experimental value</p> <p>Assessment of germ cell mutagenicity, classification</p> <p>Assessment of carcinogenicity, classification</p> <p>Assessment of reproductive toxicity, classification</p> <p>Assessment of specific target organ toxicity - single exposure, classification</p> <p>Assessment of specific target organ toxicity - repeated exposure, classification</p> <p>Assessment of aspiration hazard, classification</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p>
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Symptoms of exposure

In case of ingestion	Causes burns if swallowed. Causes burning sensation in the mouth, throat and esophagus. May cause serious permanent damage. Risk of perforation of the stomach if there has been swallowed large amounts.
In case of skin contact	Corrosive. Forms blisters and can cause ulceration. Burning pain and severe corrosive skin damage. May cause sensitisation by skin contact. Allergic reactions: symptoms may include redness, swelling, blistering and itching
In case of inhalation	Vapour may irritate respiratory system or lungs.
In case of eye contact	The chemical is corrosive to the eyes and may cause permanent damage. Symptoms such as strong burning, tearing/watering, redness and blurred vision may occur. In severe cases, there is a risk of visual damage/blindness.

11.2 Other information

Endocrine disruption	The chemical does not contain any known or suspected endocrine disruptors.
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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	<p>1,3-bis(3-(dimethylaminopropyl)urea (CAS: 52338-87-1) Acute toxicity fish, LC50, OECD 202, > 1000 mg/l, 96 h, <i>Oryzias latipes</i>, Semi-static system, Experimental value; GLP</p> <p>Acute toxicity to crustaceans, EC50, OECD 202, 93 mg/l, 48 h, <i>Daphnia magna</i>, Fresh water, Experimental value; Nominal concentration</p> <p>Toxicity to algae and other aquatic plants, ErC50, OECD 201, > 100 mg/l, 72 h, <i>Pseudokirchneriella subcapitata</i>, Static system, Fresh water, Experimental value; Nominal concentration</p> <p>EC10, OECD 201, > 100 mg/l, 72 h, <i>Pseudokirchneriella subcapitata</i>, Static system, Fresh water, Experimental value; Growth rate</p> <p>3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2) Acute toxicity fish, LC50, EU Method C.1, 110 mg/l, 96 h, <i>Leuciscus idus</i>, Semi-static system, Fresh water, Experimental value; Nominal concentration</p> <p>Acute toxicity to crustaceans, EC50, OECD 202, 23 mg/l, 48 h, <i>Daphnia magna</i>, Static system, Fresh water, Experimental value; Nominal concentration</p> <p>Toxicity to algae and other aquatic plants, ErC50, EU method C.3, > 50 mg/l, 72 h, <i>Desmodesmus subspicatus</i>, Static system, Fresh water, Experimental value; Nominal concentration</p> <p>EC10, EU method C.3, 11 mg/l, 72 h, <i>Desmodesmus subspicatus</i>, Static system, Fresh water, Experimental value; Growth rate</p> <p>Long-term toxicity aquatic crustacean, NOEC, OECD 202, 3 mg/l, 21 day(s), <i>Daphnia magna</i>, Semi-static system, Fresh water, Experimental value; Reproductive toxicity aquatic microorganisms, EC10, 1120 mg/l, 18 h, <i>Pseudomonas putida</i>, Static system, Fresh water, Experimental value; Nominal concentration</p>
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12.2. Persistence and degradability

Persistence and degradability description/evaluation	<p>1,3-bis(3-(dimethylaminopropyl)urea (CAS: 52338-87-1) Biological decomposition water, OECD 301C, 1%; Oxygen consumption, 28 day(s), Experimental value</p> <p>3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2) Biological decomposition water, EU method C.4, 8%; GLP, 28 day(s), experimental value</p>
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12.3. Bioaccumulative potential

Bioaccumulation, evaluation	<p>1,3-bis(3-(dimethylaminopropyl)urea (CAS: 52338-87-1) BCF, OECD 305, < 2.3; Fresh weight, 28 day(s), <i>Cyprinus carpio</i>, Experimental value Log Kow OECD 107, 0.817, 20 °C, experimental value</p> <p>3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2) BCF, BCFAF v3.01, 1.8 - 3.2, <i>Pisces</i>, estimated value Log Kow OECD 107, 0.99, 23 °C, experimental value</p>
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12.4. Mobility in soil

Mobility	<p>Soluble in water.</p> <p>1,3-bis(3-(dimethylaminopropyl)urea (CAS: 52338-87-1) log Koc, SRC PCKOCWIN v2.0, 0.602, calculated value</p>
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3-aminomethyl-3,5,5-trimethylcyclohexylamine (CAS: 2855-13-2)
log Koc, SRC PCKOCWIN v2.0, 1.6 - 2.3, calculated value

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	The chemical contains no PBT or vPvB substances.
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12.6. Endocrine disrupting properties

Endocrine disrupting properties	The chemical does not contain any known or suspected endocrine disruptors.
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12.7. Other adverse effects

Ozone depletion potential	Comments: The chemical contains no substances classified as hazardous to the ozone layer.
Additional ecological information	The chemical contains no substances which are known to contribute to the greenhouse effect. Do not allow to enter into sewer, water system or soil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Disposed of as hazardous waste by approved contractor. The waste code (EWC-Code) is intended as a guide. The code must be chosen by the user, if the use differs from the one mentioned below.
EWC waste code	EWC waste code: 080409 waste adhesives and sealants containing organic solvents or other dangerous substances Classified as hazardous waste: Yes
EWL packing	EWC waste code: 150110 packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste: Yes
NORSAS	7051 Paint, glue, varnish, hazardous only.
Other information	Do not empty into drains.

SECTION 14: Transport information

Dangerous goods	Yes
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14.1. UN number

ADR/RID/ADN	2735
IMDG	2735
ICAO/IATA	2735

14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name/Danger releasing substance English ADR/RID/ADN	(3-aminomethyl-3,5,5-trimethylcyclohexylamine)

ADR/RID/ADN	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name/danger releasing substance ADR/RID/ADN	(3-aminomethyl-3,5,5-trimethylcyclohexylamine)
IMDG	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name/danger releasing substance IMDG	(3-aminomethyl-3,5,5-trimethylcyclohexylamine)
ICAO/IATA	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name/danger releasing substance ICAO/IATA	(3-aminomethyl-3,5,5-trimethylcyclohexylamine)

14.3. Transport hazard class(es)

ADR/RID/ADN	8
Classificaton code ADR/RID/ADN	C7
IMDG	8
ICAO/IATA	8

14.4. Packing group

ADR/RID/ADN	III
IMDG	III
ICAO/IATA	III

14.5. Environmental hazards

IMDG Marine pollutant	No
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14.6. Special precautions for user

Special safety precautions for user	Combination packaging: no more than 1 liter per inner packaging for liquids. A package must not weigh more than 30 kg (gross mass).
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14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no)	No
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Additional information

Hazard label ADR/RID/ADN	8
Hazard label IMDG	8
Hazard label ICAO/IATA	8

ADR/RID Other information

Tunnel restriction code	E
Transport category	3
Hazard No.	80

Other applicable information ADR/ RID	80
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IMDG Other information

EmS	F-A, S-B
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SECTION 15: Regulatory information

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

References (laws/regulations)	<p>Regulation (EC) No 1907/2006 on the registration, evaluation, authorization and restriction of chemicals (REACH Regulation), with later amendments.</p> <p>Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP-regulation) with later amendments.</p> <p>Norwegian regulation on waste, 01.06.2004 no. 930, with later amendments.</p> <p>Norwegian regulation on dangerous goods: FOR 2009-04-01 nr 384: Forskrift om landtransport av farlig gods med senere endringer, Direktoratet for samfunnssikkerhet og beredskap.</p> <p>Swedish regulations on waste "Avfallsförordning (2020:614)" with later amendments.</p> <p>Swedish regulation on dangerous goods: Lag (2006:263) om transport av farligt gods, med senare ändringar.</p>
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15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

Supplier's notes	The information contained in this SDS must be made available to all those who handle the product.
List of relevant H-phrases (Section 2 and 3)	<p>H302 Harmful if swallowed.</p> <p>H312 Harmful in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>
CLP classification, comments	Calculation method.
Key literature references and sources for data	Suppliers Safety data sheet dated: 11.10.2023
Abbreviations and acronyms used	<p>ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road</p> <p>BCF: Bio Concentration Factor</p> <p>CAS: Chemical Abstracts Service number</p> <p>DNEL: Derived No Effect Level</p> <p>ECHA: European CHemicals Agency</p> <p>EC50: The effective concentration of substance that causes 50% of the maximum response</p> <p>IATA: The International Air Transport Association</p>

ICAO: The International Civil Aviation Organisation
IMDG: The International Maritime Dangerous Goods Code
IMO: International Maritime Organization
LC50: Median concentration lethal to 50% of a test population.
LD50: Lethal dose, is the amount of a substance given to a group of test animals, which causes the death of 50%.
OECD: Organisation for Economic Cooperation and Development.
PBT: Persistent, Bioaccumulative and Toxic
PNEC: Predicted No Effect Concentration
RID: The Regulations concerning the International Carriage of Dangerous Goods by Rail
UN: United Nations
vPvB: very Persistent and very Bioaccumulative

Information added, deleted or revised

Checking quality of information

Version

Prepared by

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This SDS is quality controlled by Kiwa Kompetanse AS in Norway, certified according to the Quality Management System requirements specified in ISO 9001:2015.

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