

SAFETY DATA SHEET

POXY7 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	12.04.2021

1.1. Product identifier

Product name	POXY7 B
Article no.	T512105

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**Downstream user**

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

1.4. Emergency telephone number

Emergency telephone	Telephone number: 22 59 13 00
	Description: Norwegian Poison Information Center
	Telephone number: 112
	Description: Sweden: Require Poison Information

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P280 Wear eye protection/face protection/protective gloves/protective clothing. P260 Do not breathe vapours/mist. P264 Wash hendene thoroughly after handling. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P405 Store locked up. P501 Dispose of contents / container to an approved waste facility.

2.3. Other hazards

PBT / vPvB	The chemical contains no PBT or vPvB substances.
Other hazards	In case of spills, beware of slippery floors and surfaces. None of the components are listed on ECHA's Endocrine disruptor assessment list.

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

Substance comments 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. In case of unconsciousness or severe accidents, call 112.
Inhalation	Rinse nose and mouth with water. 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 (CO ₂). 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 (CO ₂). Carbon monoxide (CO). Oxides of nitrogen (NO _x) Ammonia or amines.

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 susceptible to allergic reactions should not handle this product. Beware! The product is corrosive.
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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.
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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.
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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.
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 tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier)". Swedish regulation on exposure limits: Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden, "Hygieniska gränsvärden", AFS 2015:7
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DNEL / PNEC

Substance	3-aminomethyl-3,5,5-trimethylcyclohexylamine
DNEL	<p>Group: Consumer Route of exposure: Langsiktig (gjentatt) - Oral - Systemisk effekt Value: 0,526 mg/kg bw/dag</p> <p>Group: Professional Route of exposure: Langsiktig (gjentatt) - Innånding - Lokal effekt Value: 0,073 mg/m³</p> <p>Group: Professional Route of exposure: Kortsiktig (akutt) - Innånding - Lokal effekt Value: 0,073 mg/m³</p>
PNEC	<p>Route of exposure: Soil Value: 1,121 mg/kg</p> <p>Route of exposure: Freshwater sediments Value: 5,784 mg/kg</p> <p>Route of exposure: Saltwater sediments Value: 0,578 mg/kg</p>

Route of exposure: Freshwater

Value: 0,06 mg/l

Route of exposure: Sewage treatment plant STP

Value: 3,18 mg/l

Route of exposure: Saltwater

Value: 0,006 mg/l

Route of exposure: Water

Value: 0,23 mg/l

Reference: Intermittent releases

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 166 (Personal eye-protection. Specifications).</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	<p>Description: Use protective gloves that are suitable for the application. The gloves abilities may vary among the different glove manufacturers.</p> <p>Reference to relevant standard: EN ISO 374 (Protective gloves against chemicals and micro-organisms). EN 420 (Protective gloves - General requirements and test methods).</p>
Additional hand protection measures	Replace gloves if signs of wear and tear.

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.
Odour limit	Comments: Not determined.
pH	Comments: Not determined.
Melting point / melting range	Comments: Not determined.
Boiling point / boiling range	Comments: Not determined.
Flash point	Comments: Not determined.
Evaporation rate	Comments: Not determined.
Flammability	Not relevant.
Explosion limit	Comments: Not determined.
Vapour pressure	Comments: Not determined.
Vapour density	Comments: Not determined.
Relative density	Value: 1,13 - 1,17 Temperature: 25 °C
Density	Value: 1130 - 1170 kg/m ³ Temperature: 25 °C
Solubility	Medium: Water Comments: Soluble.
Partition coefficient: n-octanol/ water	Comments: Not determined.
Auto-ignition temperature	Comments: Not determined.
Decomposition temperature	Comments: Not determined.
Viscosity	Comments: Not determined.
Explosive properties	Not explosive.
Oxidising properties	Not oxidizing.

9.2. Other information

Physical hazards

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

Other physical and chemical properties

Physical and chemical properties	No further information is available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Temperature above flashpoint: higher fire/explosion hazard.
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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	Arise in contact with inappropriate conditions and incompatible materials (sections 10.4 and 10.5)
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition. Protect from direct sunlight. Protect from moisture. Avoid frost.
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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

Substance	3-aminomethyl-3,5,5-trimethylcyclohexylamine
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Acute toxicity	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 1030 mg/kg Animal test species: Rotte Comments: ~ OECD 401
	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Duration: 24 h

Value: > 2000 mg/kg bw
Animal test species: Rotte
Comments: OECD 402

Type of toxicity: Acute
Effect tested: LC50
Route of exposure: Inhalation.
Duration: 4 h
Value: > 5,01 mg/l
Animal test species: Rotte
Comments: OECD 403

Other toxicological data

There are stated more test results by the producer. The results are negative except for those tests that support the already given classification of the substances (see section 3).

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.
Assessment of germ cell mutagenicity, classification	Based on available data, the classification criteria are not met.
Assessment of carcinogenicity, classification	Based on available data, the classification criteria are not met.
Assessment of reproductive toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - single exposure, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - repeated exposure, classification	Based on available data, the classification criteria are not met.
Assessment of aspiration hazard, classification	Based on available data, the classification criteria are not met.

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

Other information	None of the components are listed on ECHA's Endocrine disruptor assessment list.
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SECTION 12: Ecological information

12.1. Toxicity

Substance	1,3-bis[3-(dimethylamino)propyl]urea
Aquatic toxicity, fish	Toxicity type: Acute Value: > 1000 mg/l Effect dose concentration: LC50 Test duration: 96 hour(s) Species: <i>Oryzias latipes</i> Method: OECD 202
Substance	3-aminomethyl-3,5,5-trimethylcyclohexylamine
Aquatic toxicity, fish	Toxicity type: Acute Value: 110 mg/l Effect dose concentration: LC50 Test duration: 96 hour(s) Species: <i>Leuciscus idus</i> Method: EU Method C.1
Aquatic toxicity, algae	Toxicity type: Chronic Value: 1120 mg/l Effect dose concentration: EC10 Test duration: 18 hour(s) Species: <i>Pseudomonas putida</i> Comments: Applies to CAS-nr.: 2855-13-2.
Substance	1,3-bis[3-(dimethylamino)propyl]urea
Aquatic toxicity, algae	Toxicity type: Acute Value: > 100 mg/l Effect dose concentration: ERC50 Test duration: 72 hour(s) Species: <i>Pseudokirchneriella subcapitata</i> Method: OECD 201 Toxicity type: Acute Value: > 100 mg/l Effect dose concentration: EC10 Test duration: 72 hour(s) Species: <i>Pseudokirchneriella subcapitata</i> Method: OECD 201
Substance	3-aminomethyl-3,5,5-trimethylcyclohexylamine

Aquatic toxicity, algae	Toxicity type: Acute Value: 37 mg/l Effect dose concentration: EC50 Test duration: 72 hour(s) Species: Desmodesmus subspicatus Method: EU Method C.3
Aquatic toxicity, crustacean	Toxicity type: Acute Value: 23 mg/l Effect dose concentration: EC50 Test duration: 48 hour(s) Species: Daphnia magna Method: OECD 202 Comments: Applies to CAS-nr.: 2855-13-2.
Substance	1,3-bis[3-(dimethylamino)propyl]urea
Aquatic toxicity, crustacean	Toxicity type: Acute Value: 93 mg/l Effect dose concentration: EC50 Test duration: 48 hour(s) Species: Daphnia magna Method: OECD 202
Substance	3-aminomethyl-3,5,5-trimethylcyclohexylamine
Aquatic toxicity, crustacean	Toxicity type: Acute Value: 23 mg/l Effect dose concentration: EC50 Test duration: 48 hour(s) Species: Daphnia magna Method: OECD 202 Value: 1120 mg/l Effect dose concentration: EC10 Test duration: 18 hour(s) Species: Pseudomonas putida
Ecotoxicity	The chemical is not classified as harmful to the environment.

12.2. Persistence and degradability

Persistence and degradability description/evaluation	Contains substances that are not considered readily biodegradable.
Biodegradability	Value: 1 % Method: OECD 301 C Comments: Applies to CAS-nr.: 52338-87-1. Test period: 28 day(s)
Substance	3-aminomethyl-3,5,5-trimethylcyclohexylamine
Biodegradability	Value: 8 % GLP Method: EU Method C.4 Test period: 28 d

12.3. Bioaccumulative potential

Bioconcentration factor (BCF)	Value: < 2,3
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	Species: Cyprinus carpio Method: OECD 305 Test reference: Varighet: 26 dag(er) Comments: Applies to CAS-nr.: 52338-87-1.
Substance	3-aminomethyl-3,5,5-trimethylcyclohexylamine
Bioconcentration factor (BCF)	Value: 3,16 Method: BCFWIN
Bioaccumulation, comments	The chemical does not contain any substances that are considered bioaccumulative. Log Kow: 0,817 @ 20 °C. Metode: OECD 107 Applies to CAS-nr.: 52338-87-1. Log Kow: 0,99 @ 23 °C. Metode: OECD 107 Applies to CAS-nr.: 2855-13-2.

12.4. Mobility in soil

Mobility	Contains component(s) with the potential for mobility in soil. Log Koc: 0,602. Method: SRC PCKOCWIN v2.0. Applies to CAS-nr.: 52338-87-1. Log Koc: 2,97. Method: -. Applies to CAS-nr.: 2855-13-2.
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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
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IMDG	2735
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ICAO/IATA	2735
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14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	AMINES, LIQUID, CORROSIVE, N.O.S.
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Technical name/Danger releasing substance English ADR/RID/ADN	1,3-Bis(3-(dimethylaminopropyl)urea ; 3-aminometyl-3,5,5-trimetylsykloheksylamin
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ADR/RID/ADN	AMINES, LIQUID, CORROSIVE, N.O.S.
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Technical name/danger releasing substance ADR/RID/ADN	1,3-Bis(3-(dimetylamino-propyl)urea ; (3-aminometyl-3,5,5-trimetylsykloheksylamin)
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IMDG	AMINES, LIQUID, CORROSIVE, N.O.S.
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Technical name/danger releasing substance IMDG	1,3-Bis(3-(dimethylaminopropyl)urea ; (3-aminomethyl-3,5,5-trimethylscyclohexylamine)
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ICAO/IATA	AMINES, LIQUID, CORROSIVE, N.O.S.
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Technical name/danger releasing substance ICAO/IATA	1,3-Bis(3-(dimethylaminopropyl)urea ; (3-aminomethyl-3,5,5-trimethylscyclohexylamine)
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14.3. Transport hazard class(es)

ADR/RID/ADN	8
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Classification code ADR/RID/ADN	C7
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IMDG	8
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ICAO/IATA	8
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14.4. Packing group

ADR/RID/ADN	III
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IMDG	III
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ICAO/IATA	III
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14.5. Environmental hazards

IMDG Marine pollutant	No
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14.6. Special precautions for user

Special safety precautions for user	Not relevant.
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14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no)	No
Product name	AMINES, LIQUID, CORROSIVE, N.O.S.
Pollution category	Not relevant.

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

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)	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP-regulation) with later amendments. Regulation (EC) No 1907/2006 on the registration, evaluation, authorization and restriction of chemicals (REACH Regulation), with later amendments. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009. The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).
Comments	The chemical contains ingredients that are restricted under Annex XVII nr. 3 to the REACH Regulation. Restrictions do not apply to the application of this chemical.

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.
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List of relevant H-phrases (Section 2 and 3)	H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.
CLP classification, comments	Calculation method.
Key literature references and sources for data	Suppliers Safety data sheet dated: 16.08.2021.
Abbreviations and acronyms used	PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative EWC: European Waste Code (a code from the EU's common classification system for waste) LD50: Lethal dose, is the amount of a substance given to a group of test animals, which causes the death of 50%. LC50: Median concentration lethal to 50% of a test population. NOEC: No observed effect concentration Log Kow: Partition coefficient: n-octanol / water Koc: The adsorption coefficient normalized to the organic carbon content of the soil, is an indicator of the binding capacity of a chemical on organic matter of soil and sewage sludge. ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road RID: The Regulations concerning the International Carriage of Dangerous Goods by Rail ICAO: The International Civil Aviation Organisation IMDG: The International Maritime Dangerous Goods Code IATA: The International Air Transport Association
Information added, deleted or revised	Relevant changes compared to the previous version of the safety data sheet are indicated with verticle lines in the left margin.
Checking quality of information	This SDS is quality controlled by Kiwa Kompetanse AS in Norway, certified according to the Quality Management System requirements specified in ISO 9001:2015.
Version	5
Prepared by	Kiwa Teknologisk Institutt as, Norway by Sharon M. Løver