Safety data sheet
according to UK REACH

Printing date 08.07.2024 Version number 4.0 (replaces version 3.4) Revision: 08.07.2024

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

· **1.1 Product identifier**

· **Trade name: 025 Europrimer Project B**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

· **Application of the substance / the mixture** Primer and mortar resin

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**
Forbo Eurocol Deutschland GmbH
August-Röbling-Straße 2
99091 Erfurt
GERMANY

Tel.: +49 361 730 41 0
Fax: +49 (0)361 73041-92
E-Mail: Elisabeth.Reinhardt@forbo.com
www.forbo-eurocol.de

· **Further information obtainable from:**
Laboratory
Elisabeth Reinhardt
Elisabeth.Reinhardt@forbo.com

· **1.4 Emergency telephone number:**
Poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia:
+49-361-730730
National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)
Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

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SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

corrosion

Skin Corr. 1 H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.

environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

Acute Tox. 4 H302 Harmful if swallowed.
Skin Sens. 1 H317 May cause an allergic skin reaction.

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· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
· **Hazard pictograms**

GHS05 GHS07 GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**
Propylidyntrimethanol, propoxylated, reaction products with ammonia
phenol, styrenated
Poly(propylene glycol) bis(2-aminopropyl ether)
m-phenylenebis(methylamine)
3-aminomethyl-3,5,5-trimethylcyclohexylamine
3,3,5-trimethylhexamethylene-diamine
2,4,6-tris(dimethylaminomethyl)phenol
· **Hazard statements**
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
· **Precautionary statements**
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
· **Additional information:**
EUH071 Corrosive to the respiratory tract.
· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

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SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**
· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 61788-44-1 EINECS: 262-975-0 Reg.nr.: 01-2119980970-27	phenol, styrenated Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥25-≤50%

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CAS: 9046-10-0 EC number: 618-561-0 Reg.nr.: 01-2119557899-12	Poly(propylene glycol) bis(2-aminopropyl ether) Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Chronic 3, H412	≥10-<25%
CAS: 39423-51-3 NLP: 500-105-6 Reg.nr.: 01-2119556886-20	Propylidyntrimethanol, propoxylated, reaction products with ammonia Skin Corr. 1, H314; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Acute Tox. 4, H312	≥10-<25%
CAS: 1477-55-0 EINECS: 216-032-5 Reg.nr.: 01-2119480150-50	m-phenylenebis(methylamine) Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1B, H317; Aquatic Chronic 3, H412, EUH071	≥10-<25%
CAS: 2855-13-2 EINECS: 220-666-8 Reg.nr.: 01-2119514687-32-XXXX	3-aminomethyl-3,5,5-trimethylcyclohexylamine Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1A, H317 ATE: LD50 oral: 1,030 mg/kg Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	≥10-≤25%
CAS: 90-72-2 EINECS: 202-013-9 Reg.nr.: 01-2119560597-27	2,4,6-tris(dimethylaminomethyl)phenol Skin Corr. 1C, H314; Eye Dam. 1, H318; Acute Tox. 4, H302	≥3-<5%
CAS: 90-72-2 EINECS: 202-013-9 Reg.nr.: 1-2119560597-27	2,4,6-tris(dimethylaminomethyl)phenol Skin Corr. 1C, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1, H317	≥0.1-<1%
CAS: 25513-64-8 EINECS: 202-013-9 Reg.nr.: 01-2119560598-25	3,3,5-trimethylhexamethylene-diamine Skin Corr. 1A, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1A, H317	≥0.1-<1%
CAS: 61788-46-3 EINECS: 262-977-1 Reg.nr.: 01-2119473798-17	Amines, coco alkyl STOT RE 2, H373; Asp. Tox. 1, H304; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10); Acute Tox. 4, H302; STOT SE 3, H335	≥0.25-<1%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:**
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
· **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:**
After contact with skin, wash immediately with plenty of soap and water. Take off all contaminated clothing immediately and wash before wearing again. In case of skin irritation, consult a doctor.
· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
· **After swallowing:**
Do not induce vomiting; call for medical help immediately.
Call for a doctor immediately.
Drink plenty of water and provide fresh air. Call for a doctor immediately.
· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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· ***4.3 Indication of any immediate medical attention and special treatment needed***
No further relevant information available.

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SECTION 5: Firefighting measures

· ***5.1 Extinguishing media***
· ***Suitable extinguishing agents:***
Use fire extinguishing methods suitable to surrounding conditions.
CO2, extinguishing powder
Alcohol-resistant foam. Water spray. Carbon dioxide. Extinguishing powder.
· ***5.2 Special hazards arising from the substance or mixture***
In case of fire, formation of toxic gases possible. In case of fire may be released: CO and CO2
During heating or in case of fire poisonous gases are produced.
· ***5.3 Advice for firefighters***
· ***Protective equipment:*** *Mouth respiratory protective device.*

SECTION 6: Accidental release measures

· ***6.1 Personal precautions, protective equipment and emergency procedures***
Particular danger of slipping on leaked/spilled product.
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
· ***6.2 Environmental precautions:***
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
· ***6.3 Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralising agent.
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
· ***6.4 Reference to other sections***
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

· ***7.1 Precautions for safe handling***
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
· ***Information about fire - and explosion protection:*** *Keep respiratory protective device available.*

· ***7.2 Conditions for safe storage, including any incompatibilities***
· ***Storage:***
· ***Requirements to be met by storerooms and receptacles:*** *No special requirements.*
· ***Information about storage in one common storage facility:*** *Not required.*
· ***Further information about storage conditions:*** *Keep container tightly sealed.*
· ***Recommended storage temperature:*** *10-30°C*
· ***Storage class (TRGS):*** **8A**
· ***7.3 Specific end use(s)*** *No further relevant information available.*

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SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

61788-44-1 phenol, styrenated		
Dermal	DNEL Long-term – dermal, systemic effects	2.1 mg/kg_bw/d (Worker)
Inhalative	DNEL Long-term – inhalation, systemic effects	7.4 mg/m³/d (Worker)
9046-10-0 Poly(propylene glycol) bis(2-aminopropyl ether)		
Dermal	DNEL Long-term – dermal, systemic effects	1.36 mg/kg_bw/d (Worker)
Inhalative	DNEL Long-term – inhalation, systemic effects	2.5 mg/m³/d (Worker)
39423-51-3 Propylidyntrimethanol, propoxylated, reaction products with ammonia		
Dermal	DNEL Long-term – dermal, systemic effects	1.6 mg/kg_bw/d (Worker)
Inhalative	DNEL Long-term – inhalation, systemic effects	14.1 mg/m³/d (Worker)
1477-55-0 m-phenylenebis(methylamine)		
Dermal	DNEL Long-term – dermal, systemic effects	0.33 mg/kg_bw/d (Worker)
Inhalative	DNEL long-term - inhalation local effects	0.2 mg/m³ (Worker)
	DNEL Long-term – inhalation, systemic effects	1.2 mg/m³/d (Worker)
2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
Inhalative	DNEL long-term - inhalation local effects	0.073 mg/m³ (Worker)
	DNEL Acute - inhalation, local effects	0.073 mg/m³ (Worker)

· **PNECs**

61788-44-1 phenol, styrenated	
PNEC short term, fresh water	0.03 mg/l (Aquatic organisms)
PNEC short term, sea water	0.003 mg/l (Aquatic organisms)
PNEC short term fresh water sediment	1.86 mg/kg (Aquatic organisms)
PNEC short term soil	0.355 mg/kg (teresstric organisms)
PNEC short term sea water sediment	0.186 mg/kg (Aquatic organisms)
9046-10-0 Poly(propylene glycol) bis(2-aminopropyl ether)	
PNEC short term, fresh water	0.015 mg/l (Aquatic organisms)
PNEC short term, sea water	0.014 mg/l (Aquatic organisms)
PNEC short term fresh water sediment	0.132 mg/kg (Aquatic organisms)
PNEC short term soil	0.018 mg/kg (teresstric organisms)
PNEC short term sea water sediment	0.125 mg/kg (Aquatic organisms)
39423-51-3 Propylidyntrimethanol, propoxylated, reaction products with ammonia	
PNEC short term, fresh water	0.004 mg/l (Aquatic organisms)
PNEC short term fresh water sediment	0.016 mg/kg (Aquatic organisms)
PNEC short term soil	0.001 mg/kg (Aquatic organisms)
PNEC short term sea water sediment	0.002 mg/kg (Aquatic organisms)
1477-55-0 m-phenylenebis(methylamine)	
PNEC short term, fresh water	0.094 mg/l (Aquatic organisms)
PNEC short term, sea water	0.009 mg/l (Aquatic organisms)
PNEC short term fresh water sediment	12.4 mg/kg (Aquatic organisms)

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PNEC short term soil	2.44 mg/kg (teresstric organisms)
PNEC short term sea water sediment	1.24 mg/kg (Aquatic organisms)
2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine	
PNEC short term, fresh water	0.06 mg/l (Aquatic organisms)
PNEC short term, sea water	0.006 mg/l (Aquatic organisms)
PNEC short term fresh water sediment	4.784 mg/kg (Aquatic organisms)
PNEC short term soil	1.121 mg/kg (teresstric organisms)
PNEC short term sea water sediment	0.578 mg/kg (Aquatic organisms)
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol	
PNEC short term, fresh water	0.084 mg/l (Aquatic organisms)
PNEC short term, sea water	0.008 mg/l (Aquatic organisms)
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol	
PNEC short term, fresh water	0.084 mg/l (Aquatic organisms)
PNEC short term, sea water	0.008 mg/l (Aquatic organisms)
25513-64-8 3,3,5-trimethylhexamethylene-diamine	
PNEC short term, fresh water	0.102 mg/l (Aquatic organisms)
PNEC short term, sea water	0.01 mg/l (Aquatic organisms)
PNEC short term fresh water sediment	0.622 mg/kg (Aquatic organisms)
PNEC short term soil	10 mg/kg (teresstric organisms)
PNEC short term sea water sediment	0.062 mg/kg (Aquatic organisms)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
· **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
· **Hand protection**

Protective gloves

· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Recommendation according to EN 374: For short-term work or as splash protection: Gloves made of butyl rubber/nitrile rubber (0.4 mm), change and dispose of contaminated gloves immediately. For permanent product contact: Viton gloves (0.4 mm) penetration time >30 min.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye/face protection**

Tightly sealed goggles

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SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**	
· **General Information**	
· **Physical state**	Fluid
· **Colour:**	Yellow
· **Odour:**	Amine-like
· **Odour threshold:**	Not determined.
· **Melting point/freezing point:**	Undetermined.
· **Boiling point or initial boiling point and boiling range**	Undetermined.
· **Flammability**	Not applicable.
· **Lower and upper explosion limit**	
· **Lower:**	
· **Upper:**	
· **Flash point:**	112 °C
· **Decomposition temperature:**	Not determined.
· **pH**	Not determined.
· **Viscosity:**	
· **Kinematic viscosity**	Not determined.
· **Viscosity at 100°C:**	
· **Dynamic:**	Not determined.
· **Solubility**	
· **water:**	Not miscible or difficult to mix.
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Vapour pressure:**	Not determined.
· **Density and/or relative density**	
· **Density at 20 °C:**	1.03 g/cm³
· **Relative density**	Not determined.
· **Density (@15°C)**	Not determined.
· **Vapour density**	Not determined.

· **9.2 Other information**	
· **Appearance:**	
· **Form:**	Fluid
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	Product does not present an explosion hazard.
· **Solvent content:**	
· **VOC (EC)**	0.00 %
· **Change in condition**	
· **Evaporation rate**	Not determined.

· **Information with regard to physical hazard classes**	
· **Explosives**	Void
· **Flammable gases**	Void
· **Aerosols**	Void
· **Oxidising gases**	Void

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· **Gases under pressure**	Void
· **Flammable liquids**	Void
· **Flammable solids**	Void
· **Self-reactive substances and mixtures**	Void
· **Pyrophoric liquids**	Void
· **Pyrophoric solids**	Void
· **Self-heating substances and mixtures**	Void
· **Substances and mixtures, which emit flammable gases in contact with water**	Void
· **Oxidising liquids**	Void
· **Oxidising solids**	Void
· **Organic peroxides**	Void
· **Corrosive to metals**	Void
· **Desensitised explosives**	Void

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** No dangerous reactions known.
· **10.4 Conditions to avoid** No further relevant information available.
· **10.5 Incompatible materials:** No further relevant information available.
· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity**
Harmful if swallowed.

ATE (Acute Toxicity Estimates)		
Inhalative	Acute toxicity Estimate inhalative (4h)	>73.3-110 mg/l (rat)

1477-55-0 m-phenylenebis(methylamine)		
Inhalative	Acute toxicity Estimate inhalative (4h)	11 mg/l (rat)
2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
	Acute toxicity estimates	1,100 mg/kg (rat)
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol		
Oral	Acute Toxicity Estimate of ingredient (ATE) oral	500 mg/kg
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol		
Oral	Acute Toxicity Estimate of ingredient (ATE) oral	500 mg/kg

· **LD/LC50 values relevant for classification:**		
ATE (Acute Toxicity Estimates)		
Oral	LD50	>1,298-2,011 mg/kg
Dermal	LD50	>5,000-6,667 mg/kg (rat)

61788-44-1 phenol, styrenated		
Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

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9046-10-0 Poly(propylene glycol) bis(2-aminopropyl ether)		
Oral	LD50	2,885 mg/kg (rat)
Dermal	LD50	2,980 mg/kg (rat)
39423-51-3 Propylidyntrimethanol, propoxylated, reaction products with ammonia		
Oral	LD50	550 mg/kg (rat)
Dermal	LD50	>1,000 mg/kg (rat)
1477-55-0 m-phenylenebis(methylamine)		
Oral	LD50	930 mg/kg (rat)
Dermal	LD50	>3,100 mg/kg (rat)
2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
Oral	LD50	1,030 mg/kg (ATE)
		1,030 mg/kg (rat)
Inhalative	LC50 (4h)	>5.01 mg/l (rat)
25513-64-8 3,3,5-trimethylhexamethylene-diamine		
Oral	LD50	910 mg/kg (rat)
61788-46-3 Amines, coco alkyl		
Oral	LD50	1,689 mg/kg (rat)

· **Skin corrosion/irritation** Causes severe skin burns and eye damage.
· **Serious eye damage/irritation** Causes serious eye damage.
· **Respiratory or skin sensitisation** May cause an allergic skin reaction.
· **11.2 Information on other hazards**

· **Endocrine disrupting properties**		
61788-44-1	phenol, styrenated	List II

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SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**	
61788-44-1 phenol, styrenated	
LC50 (96h) mg/ltr.	5.6 mg/ltr (Fish)
LC50 (48h) mg/ltr	4.6 mg/ltr (daphnia)
9046-10-0 Poly(propylene glycol) bis(2-aminopropyl ether)	
LC50 (96h) mg/ltr.	15 mg/ltr (Fish)
EC50 (48h)	80 mg/l (daphnia)
39423-51-3 Propylidyntrimethanol, propoxylated, reaction products with ammonia	
EC50 (48h)	13 mg/ltr. (daphnia)
ErC50 (72h)	4.4 mg/l (algae)
1477-55-0 m-phenylenebis(methylamine)	
LC50 (96h) mg/ltr.	87.6 mg/ltr (Fish)
EC50 (48h)	15.2 mg/l (daphnia)
ErC50 (72h)	20.3 mg/l (algae)
2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine	
EC50 (48h)	23 mg/l (daphnia)
ErC50 (72h)	37 mg/l (algae)

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90-72-2 2,4,6-tris(dimethylaminomethyl)phenol	
LC50 (96h) mg/ltr.	175 mg/ltr (Fish)
EC50 (48h)	23 mg/l (daphnia)
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol	
LC50 (96h) mg/ltr.	175 mg/ltr (Fish)
EC50 (48h)	23 mg/l (daphnia)

· **12.2 Persistence and degradability** No further relevant information available.
· **12.3 Bioaccumulative potential** No further relevant information available.
· **12.4 Mobility in soil** No further relevant information available.
· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
· **12.7 Other adverse effects** No further relevant information available.
· **Remark:** Toxic for fish
· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Danger to drinking water if even extremely small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information

· **14.1 UN number or ID number**	
· **ADR, IMDG, IATA**	UN2735
· **14.2 UN proper shipping name**	
· **ADR**	2735 AMINES, LIQUID, CORROSIVE, N.O.S. (3-aminopropyldimethylamine, m-phenylenebis(methylamine)), ENVIRONMENTALLY HAZARDOUS
· **IMDG, IATA**	AMINES, LIQUID, CORROSIVE, N.O.S. (3-aminopropyldimethylamine, m-phenylenebis(methylamine))

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· **14.3 Transport hazard class(es)**

· **ADR, IMDG**

· **Class**	8 Corrosive substances.
· **Label**	8

· **IATA**

· **Class**	8 Corrosive substances.
· **Label**	8

· **14.4 Packing group**	
· **ADR, IMDG, IATA**	II
· **14.5 Environmental hazards:**	
· **Marine pollutant:**	Symbol (fish and tree)
· **Special marking (ADR):**	Symbol (fish and tree)
· **14.6 Special precautions for user**	Warning: Corrosive substances.
· **Hazard identification number (Kemler code):**	80
· **EMS Number:**	F-A,S-B
· **Segregation groups**	(SGG18) Alkalis
· **Stowage Category**	A
· **Segregation Code**	SG35 Stow "separated from" SGG1-acids
· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.
· **Transport/Additional information:**	
· **ADR**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **Transport category**	2
· **Tunnel restriction code**	E
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **UN "Model Regulation":**	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (3-AMINOPROPYLDIMETHYLAMINE, M-PHENYLENEBIS(METHYLAMINE)), 8, II, ENVIRONMENTALLY HAZARDOUS

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SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: (Substances not listed)**

None of the ingredients is listed.

· **Poisons Act**

· **Regulated explosives precursors**

None of the ingredients is listed.

· **Regulated poisons**

None of the ingredients is listed.

· **Reportable explosives precursors**

None of the ingredients is listed.

· **Reportable poisons**

None of the ingredients is listed.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Seveso category** E2 Hazardous to the Aquatic Environment
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

· **Disclaimer**
This safety data sheet contains only safety relevant information. The information is based on the state of our knowledge at the time of revision, however, it does not constitute a guarantee of product properties, product information or product specifications and does not establish a contractual legal relationship. This document is only valid in its unchanged form. In the event of changes by third parties, the exhibitor accepts no responsibility for form and content or for any damages or claims arising from such changes. The information is not transferable to other products. If the product named in this safety data sheet is mixed, blended or processed with other materials or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise. The data sheet does not release the user from the obligation to ensure that he acts in accordance with all regulations in connection with his activity.

· **Relevant phrases**
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

· **Department issuing SDS:** Quality Management department

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· **Contact:**
Laboratory
Elisabeth Reinhardt
Elisabeth.Reinhardt@forbo.com

· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international 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 Harmonised 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)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
ATE: Acute toxicity estimate values
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1: Skin corrosion/irritation – Category 1
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Skin Sens. 1B: Skin sensitisation – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· *** Data compared to the previous version altered.**