TIMBABUILD EHB60 ACTIVATOR

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 26/04/2018 Revision date: 01/09/2025 Supersedes version of: 25/06/2024 Version: 4.3

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

1.1. Product identifier

Product form	:	Mixture
Name	:	TIMBABUILD EHB60 ACTIVATOR
UFI	:	Y68U-A47A-V00N-SP8X
Product code	:	54257
Type of product	:	Wood Repair
Product group	:	Trade product

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

Relevant identified uses

Main use category	:	Industrial use,Professional use
Use of the substance/mixture	:	Building and Repair application
Function or use category	:	Building and construction work

1.3. Details of the supplier of the safety data sheet

Manufacturer
Chemfix Products Ltd
Mill Street East
Dewsbury
WF12 9BQ West Yorkshire
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T +44 (0)1924 453886/+34 872 729 763, F +44 (0)1924 458995
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sds@chemfix.co.uk, www.chemfix.co.uk

1.4. Emergency telephone number

Emergency number : UK Manufacturer +44 (0)1924 431679 / Emergency Number Association (EENA) : 112 / CHEMTREC Ireland +353 1 901 46700

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 1, Sub-Category 1A	H314
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Reproductive toxicity, Category 2	H361d
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Suspected of damaging fertility or the unborn child. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS05 GHS07 GHS08

Signal word (CLP) : Danger

Contains : PHENOL, STYRENATED; 1,3-BENZENEDIMETHANAMINE; TRIMETHYLHEXANE-1,6-DIAMINE; PHENOL, METHYLSTYRENATED; POLYOXYPROPYLENEDIAMINE; SALICYLIC ACID.; TRIETHYLENETETRAMINE

Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H361d - Suspected of damaging the unborn child.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.

2.3. Other hazards

Contains vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
Substance(s) meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	PHENOL, METHYLSTYRENATED (68512-30-1)
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	PHENOL, STYRENATED (61788-44-1), PHENOL, METHYLSTYRENATED (68512-30-1)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	PHENOL, STYRENATED (61788-44-1)

The mixture contains substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

Component	
Substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605	PHENOL, STYRENATED (61788-44-1), PHENOL, METHYLSTYRENATED (68512-30-1)
Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605	SALICYLIC ACID. (69-72-7)

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
PHENOL, STYRENATED substance identified as having endocrine disrupting properties	CAS-No.: 61788-44-1 EC-No.: 262-975-0 EC Index-No.: 701-443-9 REACH-no: 01-2119980970-27	10 – 20	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
1,3-BENZENEDIMETHANAMINE	CAS-No.: 1477-55-0 EC-No.: 216-032-5 REACH-no: 01-2119480150-50	3 – 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Chronic 3, H412
TRIMETHYLHEXANE-1,6-DIAMINE	CAS-No.: 25513-64-8 EC-No.: 247-063-2 REACH-no: 01-2119560598-25	3 – 10	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Skin Sens. 1, H317
PHENOL, METHYLSTYRENATED substance listed on REACH Candidate List vPvB substance; substance identified as having endocrine disrupting properties	CAS-No.: 68512-30-1 EC-No.: 270-966-8 REACH-no: 01-2119555274-38	3 – 10	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412
POLYOXYPROPYLENEDIAMINE	CAS-No.: 9046-10-0 EC-No.: 618-561-0 REACH-no: 01-2119557899-12	3 – 10	Skin Corr. 1, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
SALICYLIC ACID.	CAS-No.: 69-72-7 EC-No.: 200-712-3 EC Index-No.: 607-732-00-5 REACH-no: 01-2119486984-17-XXXX; 01-2119486984-17-0018	3 – 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Repr. 2, H361d
TRIETHYLENETETRAMINE	CAS-No.: 90640-67-8 EC-No.: 292-588-2 REACH-no: 01-2119487919-13	1 – 3	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412 EUH071

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

Self protection of the first-aider : First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects after inhalation : None under normal conditions. Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure.
Symptoms/effects after skin contact : Burns. May cause an allergic skin reaction.
Symptoms/effects after eye contact : Serious damage to eyes.
Symptoms/effects after ingestion : Burns.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.
Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	:	Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	:	Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.
Hygiene measures	:	Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	:	Keep in a cool, well-ventilated place away from heat.
Storage conditions	:	Store locked up.
Packaging materials	:	Store always product in container of same material as original container.

7.3. Specific end use(s)

Building and construction work.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

1,3-BENZENEDIMETHANAMINE (1477-55-0)	
Ireland - Occupational Exposure Limits	
Local name	m-Xylene α,α'-diamine (m-phenylenebis(methylamine))
OEL TWA	0.1 mg/m³
Remark	Advisory OELV (Advisory Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2024

DNEL and PNEC

PHENOL, STYRENATED (61788-44-1)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	21 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	74 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	7.5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	13.1 mg/m³
Long-term - systemic effects, dermal	7.5 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	4 µg/l
PNEC aqua (marine water)	0.4 µg/l
PNEC aqua (intermittent, freshwater)	46 µg/l
PNEC aqua (intermittent, marine water)	4.6 µg/l

PHENOL, STYRENATED (61788-44-1)	
PNEC (Sediment)	
PNEC sediment (freshwater)	0.248 mg/kg dwt
PNEC sediment (marine water)	24.8 µg/kg dw
PNEC (Soil)	
PNEC soil	47.3 µg/kg dw
PNEC (STP)	
PNEC sewage treatment plant	36.2 mg/l

1,3-BENZENEDIMETHANAMINE (1477-55-0)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0.33 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.2 mg/m³
Long-term - local effects, inhalation	0.2 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0.094 mg/l
PNEC aqua (marine water)	0.0094 mg/l
PNEC aqua (intermittent, freshwater)	0.152 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	12.4 mg/kg dwt
PNEC sediment (marine water)	1.24 mg/kg dwt
PNEC (Soil)	
PNEC soil	2.44 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l

TRIMETHYLHEXANE-1,6-DIAMINE (25513-64-8)	
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	0.05 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.102 mg/l
PNEC aqua (marine water)	0.0102 mg/l
PNEC aqua (intermittent, freshwater)	0.315 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.622 mg/kg dwt
PNEC sediment (marine water)	0.062 mg/kg dwt
PNEC (Soil)	
PNEC soil	10 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	72 mg/l

SALICYLIC ACID. (69-72-7)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	2.3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5 mg/m³
Long-term - local effects, inhalation	5 mg/m³
DNEL/DMEL (General population)	
Acute - systemic effects, oral	4 mg/kg bodyweight/day
Long-term - systemic effects,oral	1 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	4 mg/m³
Long-term - systemic effects, dermal	1 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.2 mg/l
PNEC aqua (marine water)	0.02 mg/l
PNEC aqua (intermittent, freshwater)	1 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	1.42 mg/kg dwt
PNEC sediment (marine water)	0.142 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.166 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	162 mg/l

TRIETHYLENETETRAMINE (90640-67-8)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, inhalation	0.54 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	0.14 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.096 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0.0268 mg/l
PNEC aqua (marine water)	0.00268 mg/l
PNEC aqua (intermittent, freshwater)	0.2 mg/l
PNEC aqua (intermittent, marine water)	0.02 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	8572 mg/kg dwt
PNEC sediment (marine water)	0.8572 mg/kg dwt
PNEC (Soil)	
PNEC soil	1.25 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	0.13 mg/l

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:
Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment:
Wear recommended personal protective equipment.
Personal protective equipment symbol(s):

Eye and face protection

Eye protection:
Safety glasses

Skin protection

Skin and body protection:
Wear suitable protective clothing

Hand protection:
Chemical resistant gloves (according to European standard ISO 374-1 or equivalent)

Hand protection

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves, Reusable gloves	Nitrile rubber (NBR), Butyl rubber, Viton® II	6 (> 480 minutes)	0.4	As the product is a preperation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.	EN ISO 374

Respiratory protection

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. EN141. [In case of inadequate ventilation] wear respiratory protection.

Environmental exposure controls

Environmental exposure controls:
Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Colour	:	Ivory.
Appearance	:	Paste.
Odour	:	Characteristic odour.
Odour threshold	:	Not available
Melting point	:	Not available
Freezing point	:	Not applicable
Boiling point	:	Not available
Flammability	:	Non flammable.

Lower explosion limit	:	Not applicable
Upper explosion limit	:	Not applicable
Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	Not available
pH	:	Not available
pH solution	:	Not available
Viscosity, kinematic	:	Not applicable
Solubility	:	Material insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	Not available
Vapour pressure at 50°C	:	Not available
Density	:	1
Relative density	:	Not available
Relative vapour density at 20°C	:	Not applicable
Particle size	:	Not available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

PHENOL, STYRENATED (61788-44-1)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Remarks on results: other:
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:

1,3-BENZENEDIMETHANAMINE (1477-55-0)	
LD50 oral rat	930 mg/kg Source: ECHA

1,3-BENZENEDIMETHANAMINE (1477-55-0)	
LD50 dermal rat	> 3100 mg/kg bodyweight Animal: rat
LD50 dermal rabbit	> 3100 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	1.12 mg/l Source: ECHA

TRIMETHYLHEXANE-1,6-DIAMINE (25513-64-8)	
LD50 oral rat	910 mg/kg bodyweight Animal: rat, Animal sex: male

PHENOL, METHYLSTYRENATED (68512-30-1)	
LD50 oral rat	> 2000 mg/kg Source: ECHA
LD50 dermal rat	> 2000 mg/kg Source: ECHA

POLYOXYPROPYLENEDIAMINE (9046-10-0)	
LD50 oral rat	2885 mg/kg
LD50 dermal	2980 mg/kg

SALICYLIC ACID. (69-72-7)	
LD50 oral rat	891 mg/kg Source: International Uniform ChemicaL Information Database
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 10000 mg/kg Source: International Uniform ChemicaL Information Database

TRIETHYLENETETRAMINE (90640-67-8)	
LD50 oral rat	1591.4 mg/kg Source: ECHA Chem
LD50 dermal rat	1465.3 mg/kg Source: ECHA Chem

Skin corrosion/irritation : Causes severe skin burns.

PHENOL, STYRENATED (61788-44-1)	
pH	6.85 Temp.: 30 °C Concentration: 1 vol% Remarks on result: 'other:'

1,3-BENZENEDIMETHANAMINE (1477-55-0)	
Additional information	Skin Corr. 1B

POLYOXYPROPYLENEDIAMINE (9046-10-0)	
pH	12.3

SALICYLIC ACID. (69-72-7)	
pH	2.4 Source: HSDB

TRIETHYLENETETRAMINE (90640-67-8)	
pH	13.2 Source: ECHA Chem

Serious eye damage/irritation : Causes serious eye damage.

PHENOL, STYRENATED (61788-44-1)	
pH	6.85 Temp.: 30 °C Concentration: 1 vol% Remarks on result: 'other:'

POLYOXYPROPYLENEDIAMINE (9046-10-0)	
pH	12.3

SALICYLIC ACID. (69-72-7)	
pH	2.4 Source: HSDB

TRIETHYLENETETRAMINE (90640-67-8)	
pH	13.2 Source: ECHA Chem

Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Suspected of damaging the unborn child.
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

PHENOL, STYRENATED (61788-44-1)	
LOAEL (oral, rat, 90 days)	337 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Remarks on results: other:
NOAEL (dermal, rat/rabbit, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

Aspiration hazard : Not classified

TIMBABUILD EHB60 ACTIVATOR	
Viscosity, kinematic	Not applicable

11.2. Information on other hazards

Endocrine disrupting properties

Component	
PHENOL, STYRENATED (61788-44-1)	The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3)
PHENOL, METHYLSTYRENATED (68512-30-1)	The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short–term (acute) : Not classified
Hazardous to the aquatic environment, long–term (chronic) : Harmful to aquatic life with long lasting effects.

PHENOL, STYRENATED (61788-44-1)	
LC50 - Fish [1]	1.77 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	4.6 mg/l
EC50 72h - Algae [1]	1.35 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	0.115 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

1,3-BENZENEDIMETHANAMINE (1477-55-0)	
LC50 - Fish [1]	87.6 mg/l Test organisms (species): Oryzias latipes
EC50 - Crustacea [1]	15.2 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	15.2 mg/l
EC50 72h - Algae [1]	20.3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

1,3-BENZENEDIMETHANAMINE (1477-55-0)	
EC50 72h - Algae [2]	33.3 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
ErC50 algae	33.3 mg/l Source: EHCA
LOEC (chronic)	15 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	4.7 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

TRIMETHYLHEXANE-1,6-DIAMINE (25513-64-8)	
LOEC (chronic)	1.02 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

PHENOL, METHYLSTYRENATED (68512-30-1)	
LC50 - Fish [1]	25.8 mg/l Source: ECHA
EC50 - Other aquatic organisms [1]	51 mg/l
EC50 72h - Algae [1]	> 250 mg/l Source: ECHA

POLYOXYPROPYLENEDIAMINE (9046-10-0)	
LC50 - Fish [1]	15 mg/l
EC50 - Other aquatic organisms [1]	80 mg/l

SALICYLIC ACID. (69-72-7)	
LC50 - Fish [1]	1370 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	870 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	870 mg/l
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	10 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

TRIETHYLENETETRAMINE (90640-67-8)	
LC50 - Fish [1]	330 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	31.1 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	20 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

TIMBABUILD EHB60 ACTIVATOR	
Persistence and degradability	Not rapidly degradable

PHENOL, STYRENATED (61788-44-1)	
Persistence and degradability	Not rapidly degradable

1,3-BENZENEDIMETHANAMINE (1477-55-0)	
Persistence and degradability	Not rapidly degradable

TRIMETHYLHEXANE-1,6-DIAMINE (25513-64-8)	
Persistence and degradability	Not rapidly degradable

PHENOL, METHYLSTYRENATED (68512-30-1)	
Persistence and degradability	Not rapidly degradable

POLYOXYPROPYLENEDIAMINE (9046-10-0)	
Persistence and degradability	Not rapidly degradable

SALICYLIC ACID. (69-72-7)	
Persistence and degradability	Rapidly degradable

TRIETHYLENETETRAMINE (90640-67-8)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

1,3-BENZENEDIMETHANAMINE (1477-55-0)	
Partition coefficient n-octanol/water (Log Pow)	0.18

TRIMETHYLHEXANE-1,6-DIAMINE (25513-64-8)	
Partition coefficient n-octanol/water (Log Pow)	1.11 Source: Lookchem

PHENOL, METHYLSTYRENATED (68512-30-1)	
Partition coefficient n-octanol/water (Log Pow)	> 6.2 Source: ECHA

SALICYLIC ACID. (69-72-7)	
Partition coefficient n-octanol/water (Log Pow)	2.26 Source: National Library of Medicine

TRIETHYLENETETRAMINE (90640-67-8)	
Partition coefficient n-octanol/water (Log Pow)	2.65 Source: ECHA Chem

12.4. Mobility in soil

SALICYLIC ACID. (69-72-7)	
Mobility in soil	23.96 Source: Quantitative Structure Activity Relation

12.5. Results of PBT and vPvB assessment

Component	
Substance(s) meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	PHENOL, METHYLSTYRENATED (68512-30-1)
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	PHENOL, STYRENATED (61788-44-1), PHENOL, METHYLSTYRENATED (68512-30-1)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	PHENOL, STYRENATED (61788-44-1)

12.6. Endocrine disrupting properties

Component	
PHENOL, STYRENATED (61788-44-1)	The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3)
PHENOL, METHYLSTYRENATED (68512-30-1)	The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3)

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation	:	Disposal must be done according to official regulations.
Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	:	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	:	Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.
Additional information	:	Do not re-use empty containers.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 3259	UN 3259	UN 3259	UN 3259	UN 3259
14.2. UN proper shipping name				
AMINES, SOLID, CORROSIVE, N.O.S. (1,3-BENZENEDIMETHANAMINE ; TRIMETHYLHEXANE-1,6-DIAMINE ; POLYOXYPROPYLENEDIAMINE ; TRIETHYLENETETRAMINE)	AMINES, SOLID, CORROSIVE, N.O.S. (1,3-BENZENEDIMETHANAMINE ; TRIMETHYLHEXANE-1,6-DIAMINE ; POLYOXYPROPYLENEDIAMINE ; TRIETHYLENETETRAMINE)	Amines, solid, corrosive, n.o.s. (1,3-BENZENEDIMETHANAMINE ; TRIMETHYLHEXANE-1,6-DIAMINE ; POLYOXYPROPYLENEDIAMINE ; TRIETHYLENETETRAMINE)	AMINES, SOLID, CORROSIVE, N.O.S. (1,3-BENZENEDIMETHANAMINE ; TRIMETHYLHEXANE-1,6-DIAMINE ; POLYOXYPROPYLENEDIAMINE ; TRIETHYLENETETRAMINE)	AMINES, SOLID, CORROSIVE, N.O.S. (1,3-BENZENEDIMETHANAMINE ; TRIMETHYLHEXANE-1,6-DIAMINE ; POLYOXYPROPYLENEDIAMINE ; TRIETHYLENETETRAMINE)
Transport document description				
UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (1,3-BENZENEDIMETHANAMINE ; TRIMETHYLHEXANE-1,6-DIAMINE ; POLYOXYPROPYLENEDIAMINE ; TRIETHYLENETETRAMINE), 8, II, (E)	UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (1,3-BENZENEDIMETHANAMINE ; TRIMETHYLHEXANE-1,6-DIAMINE ; POLYOXYPROPYLENEDIAMINE ; TRIETHYLENETETRAMINE), 8, II	UN 3259 Amines, solid, corrosive, n.o.s. (1,3-BENZENEDIMETHANAMINE ; TRIMETHYLHEXANE-1,6-DIAMINE ; POLYOXYPROPYLENEDIAMINE ; TRIETHYLENETETRAMINE), 8, II	UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (1,3-BENZENEDIMETHANAMINE ; TRIMETHYLHEXANE-1,6-DIAMINE ; POLYOXYPROPYLENEDIAMINE ; TRIETHYLENETETRAMINE), 8, II	UN 3259 AMINES, SOLID, CORROSIVE, N.O.S. (1,3-BENZENEDIMETHANAMINE ; TRIMETHYLHEXANE-1,6-DIAMINE ; POLYOXYPROPYLENEDIAMINE ; TRIETHYLENETETRAMINE), 8, II
14.3. Transport hazard class(es)				
8	8	8	8	8
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-A EmS-No. (Spillage): S-B	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No

ADR	IMDG	IATA	ADN	RID
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	:	C8
Special provisions (ADR)	:	274
Limited quantities (ADR)	:	1kg
Excepted quantities (ADR)	:	E2
Packing instructions (ADR)	:	P002, IBC08
Special packing provisions (ADR)	:	B4
Mixed packing provisions (ADR)	:	MP10
Portable tank and bulk container instructions (ADR)	:	T3
Portable tank and bulk container special provisions (ADR)	:	TP33
Tank code (ADR)	:	SGAN, L4BN
Vehicle for tank carriage	:	AT
Transport category (ADR)	:	2
Special provisions for carriage - Packages (ADR)	:	V11
Hazard identification number (Kemler No.)	:	80
Orange plates	:	
Tunnel restriction code (ADR)	:	E

Transport by sea

Special provisions (IMDG)	:	274
Limited quantities (IMDG)	:	1 kg
Excepted quantities (IMDG)	:	E2
Packing instructions (IMDG)	:	P002
IBC packing instructions (IMDG)	:	IBC08
IBC special provisions (IMDG)	:	B21, B4
Tank instructions (IMDG)	:	T3
Tank special provisions (IMDG)	:	TP33
Stowage category (IMDG)	:	A
Segregation (IMDG)	:	SGG18, SG35
Properties and observations (IMDG)	:	Colourless to yellowish solids with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Cause burns to skin, eyes and mucous membranes. React violently with acids.

Air transport

PCA Excepted quantities (IATA)	:	E2
PCA Limited quantities (IATA)	:	Y844
PCA limited quantity max net quantity (IATA)	:	5kg
PCA packing instructions (IATA)	:	859
PCA max net quantity (IATA)	:	15kg
CAO packing instructions (IATA)	:	863
CAO max net quantity (IATA)	:	50kg
Special provisions (IATA)	:	A3, A803
ERG code (IATA)	:	8L

Inland waterway transport

Classification code (ADN)	:	C8
Special provisions (ADN)	:	274
Limited quantities (ADN)	:	1 kg
Excepted quantities (ADN)	:	E2
Equipment required (ADN)	:	PP, EP
Number of blue cones/lights (ADN)	:	0

Rail transport

Classification code (RID)	:	C8
Special provisions (RID)	:	274
Limited quantities (RID)	:	1kg
Excepted quantities (RID)	:	E2
Packing instructions (RID)	:	P002, IBC08
Special packing provisions (RID)	:	B4
Mixed packing provisions (RID)	:	MP10
Portable tank and bulk container instructions (RID)	:	T3
Portable tank and bulk container special provisions (RID)	:	TP33
Tank codes for RID tanks (RID)	:	SGAN, L4BN
Transport category (RID)	:	2
Special provisions for carriage – Packages (RID)	:	W11
Colis express (express parcels) (RID)	:	CE10
Hazard identification number (RID)	:	80

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List in concentrations ≥ 0.1 % or SCL: Phenol, methylstyrenated (EC 270-966-8, CAS 68512-30-1)

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

For the following substances of this mixture a chemical safety assessment has been carried out:
PHENOL, STYRENATED
1,3-BENZENEDIMETHANAMINE
TRIMETHYLHEXANE-1,6-DIAMINE
PHENOL, METHYLSTYRENATED
POLYOXYPROPYLENEDIAMINE
SALICYLIC ACID.
TRIETHYLENETETRAMINE

SECTION 16: Other information

Indication of changes:
Composition/information on ingredients.

Indication of changes		
Section	**Changed item**	**Comments**
3	Composition/information on ingredients	**Modified**
4.2	Symptoms/effects after inhalation	**Modified**
9	Flash point	**Modified**
16	Abbreviations and acronyms	**Modified**

Abbreviations and acronyms:	
ACGIH	American Conference of Government Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
CSA	Chemical safety assessment
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
ED	Endocrine disruptor
EN	European Standard
EWC	European waste catalogue
IARC	International Agency for Research on Cancer :
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration

Abbreviations and acronyms:	
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
Log Kow	Partition coefficient n-octanol/water (Log Kow)
Log Pow	Partition coefficient n-octanol/water (Log Pow)
MAK	maximum workplace concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
OSHA	Occupational Safety Health Administration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
PPE	Personal protection equipment
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TF	Technical function
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time Weighted Average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	Unique Formula Identifier

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Full text of H- and EUH-statements:	
Skin Sens. 1	Skin sensitisation, Category 1
H302	Harmful if swallowed.
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.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.