

UNITEC HOT

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

1.1. Product identifier

Trade name

UNITEC HOT

Unique formula identifier (UFI)

KD10-H09F-800N-EMDU

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

Relevant identified uses of the substance or mixture

Adhesive-Sealant

Uses advised against

No special

1.3. Details of the supplier of the safety data sheet

Company and address

Unipak A/S

Marktoften 3C

8464 Galten

Denmark

+45 8626 1177

www.unipak.dk

E-mail

sales@unipak.dk

Revision

29/04/2022

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Sens. 1; H317, May cause an allergic skin reaction.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s)



Signal word

Warning

Hazard statement(s)

May cause an allergic skin reaction. (H317)

Harmful to aquatic life with long lasting effects. (H412)

Safety statement(s)

General

-

Prevention

Avoid release to the environment. (P273)

Wear protective gloves/protective clothing/eye protection/face protection. (P280)

Response

IF ON SKIN: Wash with plenty of water and soap. (P302+P352)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

Storage

-

Disposal

-

Hazardous substances

N,N-m-PHENYLENEDIMALEIMIDE

2-phenoxyethyl methacrylate

2.3. Other hazards

Additional labelling

Not applicable

Additional warnings

This product contains N,N-m-PHENYLENEDIMALEIMIDE, which in powder form is classified as very toxic by inhalation. When this substance is in a solution, as in this case, such exposure may be excluded and so this product is not classified as such.

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
2,2-Bis(4-methacryloxyethoxy)phenylpropane	CAS No.: 41637-38-1 EC No.: 609-946-4 REACH: 01-2119980659-17 Index No.:	60-100%	Aquatic Chronic 4, H413	
N,N-m-PHENYLENEDIMALEIMIDE	CAS No.: 3006-93-7 EC No.: 221-112-8 REACH: 01-2120756106-57 Index No.:	10 -< 20%	Acute Tox. 4, H302 Skin Sens. 1A, H317 Acute Tox. 2, H330 Aquatic Chronic 2, H411	
Distillates (petroleum), hydrotreated middle Gasoil - unspecified	CAS No.: 8042-47-5 EC No.: 232-455-8 REACH: 01-2119487078-27 Index No.:	1 - 5%	Asp. Tox. 1, H304	
2-phenoxyethyl methacrylate	CAS No.: 10595-06-9	1 - 5%	Skin Sens. 1A, H317	

EC No.: 234-201-1

REACH: 01-2120752383-55

Index No.:

Repr. 2, H361

Aquatic Chronic 2, H411

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

No special

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) and continue until irritation stops. Normally rinsing for less than 5 minutes is sufficient.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

If skin irritation or rash occurs: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage

system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Nitrogen oxides (NO_x)

Carbon oxides (CO / CO₂).

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage temperature

5 - 25 °C

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

Product/substance	2,2-Bis(4-methacryloxyethoxy)phenylpropane
DNEL	3,52 mg/m ³

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers
Product/substance	2,2-Bis,4-,methacryloxyethoxy,phenyl,propane
DNEL	2 mg/kg-d
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers
Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
DNEL	0,176 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers
Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
DNEL	0,05 mg/kg-d
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers
Product/substance	Distillates (petroleum), hydrotreated middle Gasoil - unspecified
DNEL	160 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers
Product/substance	Distillates (petroleum), hydrotreated middle Gasoil - unspecified
DNEL	220 mg/kg/d
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers
Product/substance	2-phenoxyethyl methacrylate
DNEL	12 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers
Product/substance	2-phenoxyethyl methacrylate
DNEL	84 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Local effects - Workers
Product/substance	2-phenoxyethyl methacrylate
DNEL	3,5 mg/kg/d
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers
Product/substance	α,α -dimethylbenzyl hydroperoxide
DNEL	6 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers

PNEC

Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
-------------------	----------------------------

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

PNEC	0,01 mg/l
Route of exposure	Freshwater
Duration of Exposure	
Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
PNEC	0,001 mg/l
Route of exposure	Marine water
Duration of Exposure	
Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
PNEC	0,051 mg/l
Route of exposure	Sewage treatment plant
Duration of Exposure	
Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
PNEC	0,035 mg/kg
Route of exposure	Freshwater sediment
Duration of Exposure	
Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
PNEC	0,035 mg/kg
Route of exposure	Marine water sediment
Duration of Exposure	
Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
PNEC	0,063 mg/kg
Route of exposure	Soil
Duration of Exposure	
Product/substance	2-phenoxyethyl methacrylate
PNEC	14,2 µg/l
Route of exposure	Freshwater
Duration of Exposure	
Product/substance	2-phenoxyethyl methacrylate
PNEC	1,42 µg/l
Route of exposure	Marine water
Duration of Exposure	
Product/substance	2-phenoxyethyl methacrylate
PNEC	0,665 mg/kg
Route of exposure	Freshwater sediment
Duration of Exposure	
Product/substance	2-phenoxyethyl methacrylate
PNEC	0,067 mg/kg
Route of exposure	Marine water sediment
Duration of Exposure	
Product/substance	2-phenoxyethyl methacrylate
PNEC	0,125 mg/kg

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Route of exposure	Soil
Duration of Exposure	

Product/substance	α,α -dimethylbenzyl hydroperoxide
PNEC	0,0031 mg/l
Route of exposure	Freshwater
Duration of Exposure	

Product/substance	α,α -dimethylbenzyl hydroperoxide
PNEC	0,00031 mg/l
Route of exposure	Marine water
Duration of Exposure	

Product/substance	α,α -dimethylbenzyl hydroperoxide
PNEC	0,031 mg/l
Route of exposure	Intermittent release
Duration of Exposure	

Product/substance	α,α -dimethylbenzyl hydroperoxide
PNEC	0,0029 mg/kg
Route of exposure	Soil
Duration of Exposure	

Product/substance	α,α -dimethylbenzyl hydroperoxide
PNEC	0,35 mg/l
Route of exposure	Sewage treatment plant
Duration of Exposure	

Product/substance	α,α -dimethylbenzyl hydroperoxide
PNEC	0,023 mg/kg
Route of exposure	Freshwater sediment
Duration of Exposure	

Product/substance	α,α -dimethylbenzyl hydroperoxide
PNEC	0,0023 mg/kg
Route of exposure	Marine water sediment
Duration of Exposure	

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830


No specific requirements

Individual protection measures, such as personal protective equipment


Generally

Use only CE marked protective equipment.


Respiratory Equipment

Type	Class	Colour	Standards	
A	Class 2 (medium capacity)	Brown	EN14387	


Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0,3	120	EN374-2	

Eye protection

Type	Standards	
Face shield alternatively safety glasses with side shields.	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

Liquid

Colour

Red

Odour

Sharp/pungent

Odour threshold (ppm)

Testing not relevant or not possible due to nature of the product.

pH

Testing not relevant or not possible due to nature of the product.

Density (g/cm³)

1.1

Viscosity

22000 mPa.s (25 °C)

Phase changes

Melting point (°C)

Testing not relevant or not possible due to nature of the product.

Boiling point (°C)

Testing not relevant or not possible due to nature of the product.

Vapour pressure

Testing not relevant or not possible due to nature of the product.

Vapour density

Testing not relevant or not possible due to nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

Evaporation rate (n-butylacetate = 100)

Data on fire and explosion hazards

Flash point (°C)

>100

Ignition (°C)

Testing not relevant or not possible due to nature of the product.

Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

Explosion limits (% v/v)

Testing not relevant or not possible due to nature of the product.

Explosive properties

Testing not relevant or not possible due to nature of the product.

Oxidizing properties

Testing not relevant or not possible due to nature of the product.

Solubility

Solubility in water

Testing not relevant or not possible due to nature of the product.

n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

No special

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Product/substance	2,2-Bis,4-,methacryloxyethoxy,phenyl,propane
Test method	
Species	Rat

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Route of exposure	Oral
Test	LD50
Result	2000,1 mg/kg ·
Other information	

Product/substance	2,2-Bis,4-,methacryloxyethoxy,phenyl,propane
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	2000,1 mg/kg ·
Other information	

Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	500 mg/kg ·
Other information	

Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	0,055 mg/l ·
Other information	

Product/substance	Distillates (petroleum), hydrotreated middle Gasoil - unspecified
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>5000 mg/kg
Other information	

Product/substance	Distillates (petroleum), hydrotreated middle Gasoil - unspecified
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg
Other information	

Product/substance	Distillates (petroleum), hydrotreated middle Gasoil - unspecified
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50 (4 hours)
Result	>5000 mg/m³

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Other information

Product/substance	2-phenoxyethyl methacrylate
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	5000 ·
Other information	

Product/substance	α,α-dimethylbenzyl hydroperoxide
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	328 mg/kg ·
Other information	

Product/substance	α,α-dimethylbenzyl hydroperoxide
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	1200 mg/kg ·
Other information	

Product/substance	α,α-dimethylbenzyl hydroperoxide
Test method	
Species	Rat
Route of exposure	Inhalation.
Test	LC50
Result	1,37 mg/l ·
Other information	

Skin corrosion/irritation

Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
Test method	
Species	
Duration	No data available.
Result	No adverse effect observed (Not irritating)
Other information	

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
Test method	OECD 429
Species	Mouse

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Result	Adverse effect observed (sensitising)
Other information	

Product/substance	2-phenoxyethyl methacrylate
Test method	Guinea pig maximization test (GPMT)
Species	Guinea pig
Result	Adverse effect observed (sensitising)
Other information	

Germ cell mutagenicity

Product/substance	2-phenoxyethyl methacrylate
Test method	
Species	
Conclusion	No adverse effect observed
Other information	

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product/substance	2,2-Bis,4-,methacryloxyethoxy,phenyl,propane
Test method	
Species	Rat
Duration	
Test	
Result	NOAEL 1000 mg/kg-d F1
Conclusion	
Other information	

Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
Test method	
Species	Rat
Duration	
Test	
Result	NOAEL 240 mg/kg/d
Conclusion	
Other information	

Product/substance	2-phenoxyethyl methacrylate
Test method	
Species	Rat
Duration	
Test	
Result	NOAEL 800 mg/kg/d, oral
Conclusion	
Other information	

Product/substance	α,α -dimethylbenzyl hydroperoxide
Test method	
Species	Rat
Duration	

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Test
Result
Conclusion
Other information

NOAEL > 100 mg/kg-d

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Product/substance 2,2-Bis,4-,methacryloxyethoxy,phenyl,propane
Test method
Species Rat
Route of exposure
Target organ
Duration No data available.
Test
Result NOAEL 300 mg/kg-d ORAL
Conclusion
Other information

Product/substance 2-phenoxyethyl methacrylate
Test method
Species Rat
Route of exposure
Target organ
Duration No data available.
Test
Result NOAEL 350 mg/kg/d, oral
Conclusion
Other information

Aspiration hazard

Based on available data, the classification criteria are not met.

Long term effects

No special

Other information

No special

SECTION 12: Ecological information

12.1. Toxicity

Product/substance 2,2-Bis,4-,methacryloxyethoxy,phenyl,propane
Test method
Species Fish
Compartment
Duration 96 hours
Test
Result LL50 > 100 mg/l ·
Other information

Product/substance 2,2-Bis,4-,methacryloxyethoxy,phenyl,propane

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Test method	
Species	Daphnia
Compartment	
Duration	96 hours
Test	
Result	NOELR 100 mg/l ·
Other information	

Product/substance	2,2-Bis,4-,methacryloxyethoxy,phenyl,propane
Test method	
Species	Bacteria
Compartment	
Duration	3 hours
Test	NOEC
Result	10 mg/l ·
Other information	

Product/substance	N,N-m-PHENYLENEDIMALEIMIDE
Test method	
Species	Daphnia
Compartment	
Duration	96 hours
Test	EC50
Result	31,6 mg/l ·
Other information	

Product/substance	Distillates (petroleum), hydrotreated middle Gasoil - unspecified
Test method	OECD 203
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	>1000 mg/L
Other information	

Product/substance	Distillates (petroleum), hydrotreated middle Gasoil - unspecified
Test method	OECD 201
Species	Algae
Compartment	
Duration	72 hours
Test	
Result	NOEL: >100
Other information	

Product/substance	Distillates (petroleum), hydrotreated middle Gasoil - unspecified
Test method	OECD 202
Species	Daphnia
Compartment	
Duration	48 hours
Test	
Result	LL50: >100 mg/L

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Other information

Product/substance	2-phenoxyethyl methacrylate
Test method	
Species	Fish
Compartment	
Duration	72 hours
Test	LC50
Result	10 mg/l ·
Other information	

Product/substance	2-phenoxyethyl methacrylate
Test method	
Species	Daphnia
Compartment	
Duration	96 hours
Test	LC50
Result	1,21 mg/l ·
Other information	

Product/substance	2-phenoxyethyl methacrylate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	LC50
Result	4,44 mg/l ·
Other information	

Product/substance	2-phenoxyethyl methacrylate
Test method	
Species	Bacteria
Compartment	
Duration	3 hours
Test	EC50
Result	177 mg/l ·
Other information	

Product/substance	α,α -dimethylbenzyl hydroperoxide
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	3,9 mg/l ·
Other information	

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

Product/substance	2,2-Bis,4-,methacryloxyethoxy,phenyl,propane
-------------------	--

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Test method	
Potential bioaccumulation	No
LogPow	5,6200
BCF	No data available
Other information	

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 6 - Acute toxicity

HP 13 - Sensitising

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

08 04 09* Waste adhesives and sealants containing organic solvents or other dangerous substances

Specific labelling

Not applicable

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable

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

No data available

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.
People under the age of 18 shall not be exposed to this product.

Demands for specific education

No specific requirements

SEVESO - Categories / dangerous substances

Not applicable

Additional information

Not applicable

Sources

The Management of Health and Safety at Work Regulations 1999
Regulation (EU) No 1357/2014 of 18 December 2014 on waste.
CLP Regulation (EC) No 1272/2008, as retained and amended in UK law.
EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H317, May cause an allergic skin reaction.
H330, Fatal if inhaled.
H361, Suspected of damaging fertility or the unborn child.
H411, Toxic to aquatic life with long lasting effects.
H413, May cause long lasting harmful effects to aquatic life.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The safety data sheet is validated by

tn

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en