

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Pacifyre® G

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

1.1 Product identifier

Product form : Mixture
Trade name : Pacifyre® G

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

1.2.1 Relevant identified uses

Main use category : Professional use, Consumer use
Use of the substance/mixture : Sealants

1.2.2 Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

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Industrieweg 5 | NL-3641 RK Mijdrecht | Tel. +31 297 23 30 00 | Fax +31 297 28 64 09 | www.walraven.com

export@walraven.com

1.4 Emergency telephone number

+31 (0)297 23 30 00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Carcinogenicity, Category 2 H351

Specific target organ toxicity – Repeated exposure, Category 2 H373

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

Adverse physicochemical, human health and environmental effects

Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

2.2 Label elements

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

Hazard pictograms (CLP) :



GHS08

Signal word (CLP) : Warning

Contains	: melamine
Hazard statements (CLP)	: H351 - Suspected of causing cancer. H373 - May cause damage to organs through prolonged or repeated exposure.
Precautionary statements (CLP)	: P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P201 - Obtain special instructions before use. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P314 - Get medical advice/attention if you feel unwell. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH208 - Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

2.3 Other hazards

The product does not meet the PBT and vPvB classification criteria.

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component

melamine (108-78-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
1,2-benzisothiazol-3(2H)-one (2634-33-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) 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 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
melamine substance with national workplace exposure limit(s) (BE)	CAS-No.: 108-78-1 EC-No.: 203-615-4 REACH-no: 01-2119485947-16	≥ 10 - < 25	Carc. 2, H351 STOT RE 2, H373
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540-60	< 0.05	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:gas), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS-No.: 55965-84-9 EC-No.: 611-341-5 EC Index-No.: 613-167-00-5 REACH-no: 01-2120764691-48	< 0.0015	Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Dermal), H310 Acute Tox. 3 (Oral), H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits

Name	Product identifier	Specific concentration limits
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540-60	(0,05 ≤C < 100) Skin Sens. 1, H317
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS-No.: 55965-84-9 EC-No.: 611-341-5 EC Index-No.: 613-167-00-5 REACH-no: 01-2120764691-48	(0,0015 ≤C ≤ 100) Skin Sens. 1A, H317 (0,06 ≤C < 0,6) Skin Irrit. 2, H315 (0,06 ≤C < 0,6) Eye Irrit. 2, H319 (0,6 ≤C ≤ 100) Eye Dam. 1, H318 (0,6 ≤C ≤ 100) Skin Corr. 1C, H314

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:

If you feel unwell, seek medical advice. IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation:

Remove person to fresh air and keep comfortable for breathing. Remove person to fresh air and keep comfortable for breathing. Respiratory problems: consult a doctor/medical service.

First-aid measures after skin contact:

Wash skin with plenty of water. Take victim to a doctor if irritation persists.

First-aid measures after eye contact:

Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists. Rinse eyes with water as a precaution.

First-aid measures after ingestion:

Rinse mouth out with water. Consult a doctor/medical service if you feel unwell. Call a poison center or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact:

Repeated exposure may cause skin dryness or cracking.

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. Carbon dioxide.

Unsuitable extinguishing media:

None known.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire:

Toxic fumes may be released.

5.3 Advice for firefighters

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

6.1.1 For non-emergency personnel

Emergency procedures:

Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapours/spray.

6.1.2 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".

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

For containment:

Collect spillage.

Methods for cleaning up:

Take up liquid spill into absorbent material. Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. 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

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. Do not breathe dust/fume/gas/mist/vapours/spray.

Hygiene measures:

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

Storage conditions:

Store in a well-ventilated place. Store at room temperature. Protect against frost. Keep container tightly closed. Store locked up. Keep cool.

Incompatible products:

Heat sources.

Packaging materials:

Synthetic material.

7.3 Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 National occupational exposure and biological limit values

melamine (108-78-1)

Belgium - Occupational Exposure Limits

DNEL	3 mg/m ³ 10 mg/m ³
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8.1.2 Recommended monitoring procedures

No additional information available

8.1.3 Air contaminants formed

No additional information available

8.1.4 DNEL and PNEC

melamine (108-78-1)

Effect level (DNEL/DMEL)

Acute - systemic effects, dermal	117 mg/kg bodyweight/day
Acute - systemic effects, inhalation	82,3 mg/m ³
Long-term - systemic effects, dermal	11,8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	8,3 mg/m ³

melamine (108-78-1)**DNEL/DMEL (General population)**

Long-term - systemic effects, oral	0,42 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1,5 mg/m ³
Long-term - systemic effects, dermal	4,2 mg/kg bodyweight/day

PNEC (Water)

PNEC aqua (freshwater)	0,51 mg/l
PNEC aqua (marine water)	0,051 mg/l
PNEC aqua (intermittent, freshwater)	2 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	2524 mg/kg dwt
PNEC sediment (marine water)	0,2524 mg/kg dwt

PNEC (Soil)

PNEC soil	0,206 mg/kg dwt
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PNEC (Oral)

PNEC oral (secondary poisoning)	22 mg/kg food
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PNEC (STP)

PNEC sewage treatment plant	200 mg/l
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8.1.5 Control banding

No additional information available.

8.2 Exposure controls**8.2.1 Appropriate engineering controls**

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2 Personal protection equipment

Personal protective equipment symbol(s):

**8.2.2.1 Eye and face protection**

Eye protection:

Safety glasses

8.2.2.2 Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3 Respiratory protection

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

8.2.2.4 Thermal hazards

No additional information available.

8.2.3 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	Liquid
Appearance	Pasty
Colour	Variable
Odour	Characteristic
Odour threshold	Not available
Melting point	Not applicable
Freezing point	Not available
Boiling point	Not available
Flammability	Non flammable
Lower explosion limit	Not available
Upper explosion limit	Not available
Flash point	> 100 °C
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	Not available
Viscosity, kinematic	Not available
Solubility	Not available
Partition coefficient n-octanol/water (Log Kow)	Not available
Vapour pressure	Not available
Vapour pressure at 50 °C	Not available
Density	1,395 g/l (20°C)
Relative density	Not available
Relative vapour density at 20 °C	Not available
Particle characteristics	Not applicable
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available

9.2 Other information

9.2.1 Information with regard to physical hazard classes

No additional information available.

9.2.2 Other safety characteristics

VOC content : < 1 %

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

1,2-benzisothiazol-3(2H)-one (2634-33-5)

LD50 oral rat	490 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

LD50 oral rat	66 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Calculated by reference to active substance, Oral, 14 day(s))
LD50 oral	59 mg/kg bodyweight
LD50 dermal rat	> 141 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LD50 dermal	> 75 mg/kg bodyweight
LC50 Inhalation - Rat	0,17 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Calculated by reference to active substance, Inhalation (aerosol), 14 day(s))

melamine (108-78-1)

LD50 oral rat	3161 – 3828 mg/kg bodyweight (Rat, Male / female, Experimental value, Oral, 14 day(s))
LC50 Inhalation - Rat	> 5,19 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation))

Skin corrosion/irritation:

Not classified

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
pH	No data available in the literature
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
pH	No data available in the literature
melamine (108-78-1)	
pH	7,5 - 9,5 (10 %)

Serious eye damage/irritation:

Not classified

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
pH	No data available in the literature
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
pH	No data available in the literature
melamine (108-78-1)	
pH	7,5 - 9,5 (10 %)

Respiratory or skin sensitisation:

Not classified

Germ cell mutagenicity:

Not classified

Carcinogenicity:

Suspected of causing cancer.

Reproductive toxicity:

Not classified

STOT-single exposure:

Not classified

STOT-repeated exposure:

May cause damage to organs through prolonged or repeated exposure.

melamine (108-78-1)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard:

Not classified

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
Viscosity, kinematic	Not applicable (solid)
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
Viscosity, kinematic	No data available in the literature

11.2 Information on other hazards

No additional information available

SECTION 12: Ecological information**12.1 Toxicity****Ecology – general:**

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute):

Not classified.

Hazardous to the aquatic environment, long-term (chronic):

Not classified.

Not rapidly degradable.

1,2-benzisothiazol-3(2H)-one (2634-33-5)

LC50 - Fish [1]	2,18 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	2,94 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Experimental value, Lethal)
ErC50 algae	150 µg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Experimental value, GLP)

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

LC50 - Fish [1]	0,19 mg/l
EC50 - Crustacea [1]	0,007 mg/l (48 h, Acartia tonsa, Salt water, Experimental value, GLP)
EC50 - Other aquatic organisms [1]	0,126 mg/l waterflea
EC50 - Other aquatic organisms [2]	0,003 mg/l

melamine (108-78-1)

LC50 - Fish [1]	> 3000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	200 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	325 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	> 11 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 11 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 5,1 mg/l Test organisms (species): Pimephales promelas Duration: '36 d'

12.2 Persistence and degradability**1,2-benzisothiazol-3(2H)-one (2634-33-5)**

Persistence and degradability Not biodegradable.

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

Persistence and degradability Not biodegradable.

melamine (108-78-1)Persistence and degradability Not readily biodegradable in water.
ThOD 3,04 g O₂/g substance

12.3 Bioaccumulative potential

1,2-benzisothiazol-3(2H)-one (2634-33-5)

BCF - Fish [1]	6,62 (Equivalent or similar to OECD 305, 56 day(s), Lepomis macrochirus, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-0,9 – 0,99 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

BCF - Fish [1]	41 – 54 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	0,75 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 24 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

melamine (108-78-1)

BCF - Fish [1]	0,05 – 0,11 (72 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-1,22 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 22 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

12.4 Mobility in soil

1,2-benzisothiazol-3(2H)-one (2634-33-5)

Surface tension	72,6 mN/m (20 °C, 0.1 %, EU Method A.5: Surface tension)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0,97 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Highly mobile in soil.

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0,81 – 1 (log Koc, Calculated value)
Ecology - soil	Highly mobile in soil.

melamine (108-78-1)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1,51 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.

12.5 Results of PBT and vPvB assessment

Pacifyre® G

The product does not meet the PBT and vPvB classification criteria

12.6 Endocrine disrupting properties

No additional information available.

12.7 Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment methods:

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations:

Do not discharge into drains or the environment.

Ecology – waste materials:

Avoid release to the environment.

European List of Waste (LoW) code:

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

15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

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

14.1 UN number or ID number

ADR	IMDG	IATA	ADN	RID
Not regulated				

14.2 UN proper shipping name

ADR	IMDG	IATA	ADN	RID
Not regulated				

14.3 Transport hazard class(es)

ADR	IMDG	IATA	ADN	RID
Not regulated				

14.4 Packing group

ADR	IMDG	IATA	ADN	RID
Not regulated				

14.5 Environmental hazards

ADR	IMDG	IATA	ADN	RID
Not regulated				

No supplementary information available.

14.6 Special precautions for user

Overland transport

Not regulated.

Transport by sea

Not regulated.

Air transport

Not regulated.

Inland waterway transport

Not regulated.

Rail transport

Not regulated.

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****15.1.1 EU-Regulations****REACH Annex XVII (Restriction List)****EU restriction list (REACH Annex XVII)**

Reference code	Applicable on	Entry title or description
3(b)	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances

REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

VOC Directive (2004/42)

VOC content : < 1 %

Explosives Precursors Regulation (2019/1148)

Contains substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

Name	CAS-No.	Combined Nomenclature code (CN)	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
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Please see https://ec.europa.eu/home-affairs/system/files/2021-11/list_of_competent_authorities_and_national_contact_points_en.pdf

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

15.1.2 National regulations

No additional information available

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information**16.1 Indication of changes**

Section	Changed item	Change	Comments
	according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878		
2		Modified	
3		Modified	

16.2 Abbreviations and acronyms

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)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration

OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

16.3 Full text of H- and EUH-statements

Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 2 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Carc. 2	Carcinogenicity, Category 2
EUH208	Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal 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.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H351	Suspected of causing cancer.
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.
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Carc. 2	H351	Calculation method
STOT RE 2	H373	Calculation method

Safety Data Sheet (SDS), EU-20221

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.

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