

SAFETY DATA SHEET

WB PRIMER

SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Trade name WB PRIMER 1.2. Relevant identified uses of the substance or mixture and uses advised against Relevant identified uses of the substance or mixture Lacquering of wooden floors. Uses advised against None known. 1.3. Details of the supplier of the safety data sheet Company and address **Junckers Industrier A/S** Vaerftsvej 4 4600 Koege Denmark Tel. +45 70 80 30 00 E-mail productsafety@junckers.dk Revision 07/03/2024 SDS Version 2.1 Date of previous version 09/02/2024 (2.0) 1.4. Emergency telephone number The National Poisons Information Centre (NPIC) Public: +353 (0) 1 809 2166 (7 days a week, 8am- 10pm) Healthcare professionals: +353 (0) 1 809 2566 (24 h service) See also section 4 "First aid measures" SECTION 2: Hazards identification 2.1. Classification of the substance or mixture Not classified according to Regulation (EC) No. 1272/2008 (CLP). 2.2. Label elements Hazard pictogram(s) Not applicable. Signal word Not applicable. Hazard statement(s) Not applicable. Precautionary statement(s) General Prevention Response Storage



Disposal

Hazardous substances

None known.

Additional labelling

EUH208, Contains 1,2-Benzisothiazol-3(2H)-one (BIT), 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2Hisothiazol-3-one (3:1) (CMIT/MIT (3:1)), Acid Brown 355. May produce an allergic reaction. EUH210, Safety data sheet available on request. The product contains a biocidal product.

VOC

VOC content: ≤ 15 g/L

MAXIMUM VOC CONTENT (Phase II, category A/i (WB): 140 g/L)

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

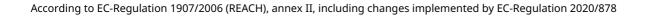
3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
2- Methoxymethylethoxy)propan bl	CAS No.: 34590-94-8 EC No.: 252-104-2 REACH: 01-2119450011-60 Index No.:	1-2%		[1]
Acid Brown 355	CAS No.: 84989-26-4 EC No.: 284-915-2 REACH: 01-2120077343-57 Index No.:	<0,2%	Skin Sens. 1B, H317 Aquatic Chronic 3, H412	
l,2-Benzisothiazol-3(2H)-one BIT)	CAS No.: 2634-33-5 EC No.: 220-120-9 REACH: 01-2120761540-60 Index No.: 613-088-00-6	<0,036%	Acute Tox. 4, H302 (ATE: 450.00 mg/kg) Skin Irrit. 2, H315 Skin Sens. 1A, H317 (SCL: 0.036 %) Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
5-Chloro-2-methyl-2H- sothiazol-3-one/2-Methyl-2H- sothiazol-3-one (3:1) CMIT/MIT (3:1))	CAS No.: 55965-84-9 EC No.: 911-418-6 REACH: 01-2120764691-48 Index No.: 613-167-00-5	<0,0015%	EUH071 Acute Tox. 3, H301 (ATE: 64.00 mg/kg) Acute Tox. 2, H310 (ATE: 87.00 mg/kg) Skin Corr. 1C, H314 (SCL: 0.60 %) Skin Irrit. 2, H315 (SCL: 0.06 %) Skin Sens. 1A, H317 (SCL: 0.0015 %) Eye Dam. 1, H318 (SCL: 0.60 %) Eye Irrit. 2, H319 (SCL: 0.06 %) Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)	

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



[1] European occupational exposure limit.

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

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

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 person 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

Treat symptomatically.

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:

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 Centre (NPIC) on +353 (0) 1 809 256 (24 h service) in order to obtain further advice. Fire fighters should wear appropriate personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation, especially in confined areas.



Contaminated areas may be slippery. 6.2. Environmental precautions Avoid discharge to lakes, streams, sewers, etc. Keep unauthorized persons away from the spill 6.3. Methods and material for containment and cleaning up Use sand, sawdust, soil, vermiculite or similar to collect liquid material. Subsequently, place in a suitable waste container. Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents. 6.4. Reference to other sections See section 13 "Disposal considerations" on handling of waste. See section 8 "Exposure controls/personal protection" for protective measures. SECTION 7: Handling and storage 7.1. Precautions for safe handling Avoid contact during pregnancy and while nursing. 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 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 °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 (2-Methoxymethylethoxy)propanol Long term exposure limit (8 hours) (mg/m³): 308 Long term exposure limit (8 hours) (ppm): 50 Annotations: IOELV = Indicative Occupational Exposure Limit Values are health based limits set under the Chemical Agents Directive (98/24/EC). Sk = Substance, which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body. 2021 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2015) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001-2019). DNEL (2-Methoxymethylethoxy)propanol **Duration: Route of exposure:** DNEL: Long term - Systemic effects - General population Dermal 121 mg/kg bw/day Long term - Systemic effects - Workers Dermal 283 mg/kg bw/day Long term - Systemic effects - General population Inhalation 37,2 mg/m³ Long term - Systemic effects - Workers Inhalation 308 mg/m³ Oral Long term - Systemic effects - General population 36 mg/kg bw/day



Long term – Systemic effects - Workers	Dermal	0,966 mg/kg bw/
Long term – Systemic effects - General population	Inhalation	1,2 mg/m³
Long term – Systemic effects - Workers	Inhalation	6,81 mg/m³
5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isoth	hiazol-3-one (3:1) (CMIT/MIT (3:1))	
Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	0,02 mg/m ³
Long term – Local effects - Workers	Inhalation	0,02 mg/m ³
Short term – Local effects - General population	Inhalation	0,04 mg/m ³
Short term – Local effects - Workers	Inhalation	0,04 mg/m ³
Long term – Systemic effects - General population	Oral	0,09 mg/kg bw/d
Short term – Systemic effects - General population	Oral	0,11 mg/kg bw/d
Acid Brown 355		
Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	0,18 mg/kg bw/d
Long term – Systemic effects - General population	Dermal	0,36 mg/kg bw/d
Long term – Systemic effects - General population	Inhalation	0,12 mg/m ³
Long term – Systemic effects - General population	Inhalation	0,51 mg/m ³
Long term – Systemic effects - Workers	Oral	0,04 mg/kg bw/d
Long term - Systemic energy deneral population	Urui	0,04 mg/kg bw/d
(2-Methoxymethylethoxy)propanol	Duration of Functions	DNICC
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		19 mg/l
Freshwater sediment		70,2 mg/kg dw
Intermittent release (freshwater)		190 mg/l
Marine water		1,9 mg/l
Marine water sediment		7,02 mg/kg dw
Sewage treatment plant		4168 mg/l
Soil		2,74 mg/kg dw
1,2-Benzisothiazol-3(2H)-one (BIT)		
	Duration of Exposure:	PNEC:
Route of exposure:	Duration of Exposure:	PNEC: 4,03 μg/l
Route of exposure: Freshwater	Duration of Exposure:	
Route of exposure: Freshwater Freshwater sediment	Duration of Exposure:	4,03 µg/l
Route of exposure: Freshwater Freshwater sediment Intermittent release (freshwater)	Duration of Exposure:	4,03 μg/l 49,9 μg/kg dw
Route of exposure: Freshwater Freshwater sediment Intermittent release (freshwater)	Duration of Exposure:	4,03 μg/l 49,9 μg/kg dw 1,1 μg/l
Route of exposure: Freshwater Freshwater sediment Intermittent release (freshwater) Intermittent release (marine water)	Duration of Exposure:	4,03 μg/l 49,9 μg/kg dw 1,1 μg/l 0,11 μg/l
Route of exposure: Freshwater Freshwater sediment Intermittent release (freshwater) Intermittent release (marine water) Marine water Marine water sediment	Duration of Exposure:	4,03 μg/l 49,9 μg/kg dw 1,1 μg/l 0,11 μg/l 0,403 μg/l
Route of exposure: Freshwater Freshwater sediment Intermittent release (freshwater) Intermittent release (marine water) Marine water Marine water sediment Sewage treatment plant	Duration of Exposure:	4,03 μg/l 49,9 μg/kg dw 1,1 μg/l 0,11 μg/l 0,403 μg/l 4,99 μg/kg dw
Route of exposure: Freshwater Freshwater sediment Intermittent release (freshwater) Intermittent release (marine water) Marine water Marine water sediment Sewage treatment plant Soil		4,03 μg/l 49,9 μg/kg dw 1,1 μg/l 0,11 μg/l 0,403 μg/l 4,99 μg/kg dw 1,03 mg/l
Route of exposure: Freshwater Freshwater sediment Intermittent release (freshwater) Intermittent release (marine water) Marine water Marine water Sewage treatment plant Soil 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isoth		4,03 μg/l 49,9 μg/kg dw 1,1 μg/l 0,11 μg/l 0,403 μg/l 4,99 μg/kg dw 1,03 mg/l
Route of exposure: Freshwater Freshwater sediment Intermittent release (freshwater) Intermittent release (marine water) Marine water Marine water Sewage treatment plant Soil	hiazol-3-one (3:1) (CMIT/MIT (3:1))	4,03 μg/l 49,9 μg/kg dw 1,1 μg/l 0,11 μg/l 0,403 μg/l 4,99 μg/kg dw 1,03 mg/l 3 mg/kg dw
Route of exposure: Freshwater Freshwater sediment Intermittent release (freshwater) Intermittent release (marine water) Marine water Marine water sediment Sewage treatment plant Soil 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isoth Route of exposure:	hiazol-3-one (3:1) (CMIT/MIT (3:1))	4,03 μg/l 49,9 μg/kg dw 1,1 μg/l 0,11 μg/l 0,403 μg/l 4,99 μg/kg dw 1,03 mg/l 3 mg/kg dw
Freshwater Freshwater sediment Intermittent release (freshwater) Intermittent release (marine water) Marine water Marine water Sewage treatment plant Soil 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isoth Route of exposure: Freshwater	hiazol-3-one (3:1) (CMIT/MIT (3:1))	4,03 μg/l 49,9 μg/kg dw 1,1 μg/l 0,11 μg/l 0,403 μg/l 4,99 μg/kg dw 1,03 mg/l 3 mg/kg dw PNEC: 3,39 μg/l



Marine water		3,39 µg/l
Marine water sediment		0,027 mg/kg dw
Sewage treatment plant		0,23 mg/l
Soil		0,01 mg/kg dw
Acid Brown 355		
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,01 mg/l
Freshwater sediment		0,038 mg/kg dw
Intermittent release (freshwater)		0,1 mg/l
Marine water		0,001 mg/l
Marine water sediment		0,004 mg/kg dw
Sewage treatment plant		10 mg/l
Soil		

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis. 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

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

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. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements

Skin protection

Recomm	ended	Type/Category	Standard	S	
worn	should be	-	-		R
Hand prote	ction				
Material		Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile		0,4	> 480	EN374-2, EN374-3, EN388	

Eye protection

No specific requirements.



SECTION 9: Physical and chemical properties 9.1. Information on basic physical and chemical properties Physical state Liquid Colour Various colours Odour / Odour threshold Faint pH 8-9 Density (g/cm³) 1,03-1,04 Kinematic viscosity Testing not relevant or not possible due to the nature of the product. Particle characteristics Does not apply to liquids. Phase changes Melting point/Freezing point (°C) Testing not relevant or not possible due to the nature of the product. Softening point/range (waxes and pastes) (°C) Does not apply to liquids. Boiling point (°C) Testing not relevant or not possible due to the nature of the product. Vapour pressure Testing not relevant or not possible due to the nature of the product. Relative vapour density Testing not relevant or not possible due to the nature of the product. Decomposition temperature (°C) Testing not relevant or not possible due to the nature of the product. Data on fire and explosion hazards Flash point (°C) Testing not relevant or not possible due to the nature of the product. Flammability (°C) Testing not relevant or not possible due to the nature of the product. Auto-ignition temperature (°C) Testing not relevant or not possible due to the nature of the product. Lower and upper explosion limit (% v/v) Testing not relevant or not possible due to the nature of the product. Solubility Solubility in water Soluble n-octanol/water coefficient (LogKow) Testing not relevant or not possible due to the nature of the product. Solubility in fat (g/L) Testing not relevant or not possible due to the nature of the product. 9.2. Other information VOC (q/L) ≤ 15 Other physical and chemical parameters No data available. Oxidizing properties Testing not relevant or not possible due to the nature of the product. 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

None known.

10.4. Conditions to avoid None known.

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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product/substance	5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))
Species:	Rat, Charles River CD, male
Route of exposure:	Oral
Test:	LD50
Result:	64 mg/kg

Product/substance Species:	5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1)) Rabbit, Albino, male
Route of exposure:	Dermal
Test:	LD50
Result:	87 mg/kg

Product/substance	5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))
Test method:	OECD 403
Species:	Rat, Sprague-Dawley, male/female
Route of exposure:	Inhalation
Test:	LC50
Result:	0,17 mg/l

Skin corrosion/irritation

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

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

This product contains substances that may trigger an allergic reaction in already sensitized persons.

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Long term effects

None known.

Endocrine disrupting properties



This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity Product/substance Test method: Species: Compartment: Duration: Test: Result:	Acid Brown 355 OECD 203 Danio rerio Freshwater 96 hours LC50 40 mg/l
Product/substance	1,2-Benzisothiazol-3(2H)-one (BIT)
Test method:	OECD 201
Species:	Selenastrum capricornutum
Duration:	72 hours
Test:	ErC50
Result:	0,11 mg/l
Product/substance	1,2-Benzisothiazol-3(2H)-one (BIT)
Species:	Selenastrum capricornutum
Duration:	72 hours
Test:	NOErC
Result:	0,0403 mg/l
12.2. Persistence and de	gradability
Product/substance	(2-Methoxymethylethoxy)propanol
Result:	79 %
Conclusion:	Readily biodegradable
Test:	OECD 301 F
Product/substance	Acid Brown 355
Result:	0 %
Conclusion:	Not biodegradable
Test:	OECD 301 A
Product/substance	5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))
Result:	62 %
Conclusion:	Readily biodegradable
Test:	OECD 301 B
12.3. Bioaccumulative po	otential
Product/substance	(2-Methoxymethylethoxy)propanol
LogKow:	0,004
Conclusion:	No potential for bioaccumulation
Product/substance	1,2-Benzisothiazol-3(2H)-one (BIT)
BCF:	6,62
LogKow:	0,7
Conclusion:	No potential for bioaccumulation

Product/substance	5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))
LogKow:	0,75
Conclusion:	No potential for bioaccumulation

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.



12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

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

EWC code

08 01 12 Waste paint and varnish other than those mentioned in 08 01 11

Contaminated packing

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

SECTION 14: Transport information

	14.1 UN / I	14.2 D 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. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

Additional information

Not applicable.

▼ Sources

Maternity Protection Act 1994 (34/1994) with later amendments.

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

S.I. No. 199/2007 - Limitation of Emissions of Volatile Organic Compounds Due to the Use of Organic Solvents in Certain Paints, Varnishes and Vehicle Refinishing Products Regulations 2007.

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

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment



No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

EUH071, Corrosive to the respiratory tract.

- 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.
- H400, Very toxic to aquatic life.
- H410, Very toxic to aquatic life with long lasting effects.
- H412, Harmful to aquatic life with long lasting effects.

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 = 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 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 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 = 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 UVCB = Substances of Unknown or Variable composition, Complex reaction products or Biological materials VOC = Volatile Organic Compound vPvB = Very Persistent and very Bioaccumulative Additional information Not applicable. The safety data sheet is validated by ULS 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: IE-en