

SAFETY DATA SHEET

Junckers ProFinish

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

1.1. Product identifier

Trade name

Junckers ProFinish

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

29/11/2022

SDS Version

2.0

Date of previous version

03/06/2022 (1.0)

1.4. Emergency telephone number

National Poisons Information Service (NPIS): Call 111 (24 h service).

See section 4 for 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) as retained and amended in UK law.

2.2. Label elements

Hazard pictogram(s)

Signal word

Not applicable.

Hazard statement(s)

Not applicable.

Safety statement(s)

General

-

Prevention

-

Response

-

Storage

-

Disposal

-

▼ Hazardous substances

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

None known.

▼ **Additional labelling**

EUH208, Contains 1,2-Benzisothiazol-3(2H)-one (BIT), 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1)). May produce an allergic reaction.

EUH210, Safety data sheet available on request.

▼ **VOC**

VOC content: ≤ 55 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 considered to meet the criteria classifying them as PBT and/or vPvB.

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)propanol	CAS No.: 34590-94-8 EC No.: 252-104-2 UK-REACH: Index No.:	3-5%		[1]
Triethylamine	CAS No.: 121-44-8 EC No.: 204-469-4 UK-REACH: Index No.: 612-004-00-5	<0,3%	Flam. Liq. 2, H225 Acute Tox. 4, H302 (ATE: 730.00 mg/kg) Acute Tox. 3, H311 (ATE: 580.00 mg/kg) Skin Corr. 1A, H314 Eye Dam. 1, H318 Acute Tox. 3, H331 (ATE: 7.22 mg/l) STOT SE 3, H335 (SCL: 1.00 %)	[1]
1,2-Benzisothiazol-3(2H)-one (BIT)	CAS No.: 2634-33-5 EC No.: 220-120-9 UK-REACH: Index No.: 613-088-00-6	<0,03%	Acute Tox. 4, H302 (ATE: 490.00 mg/kg) Skin Irrit. 2, H315 Skin Sens. 1, H317 (SCL: 0.05 %) Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411	
5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))	CAS No.: 55965-84-9 EC No.: 911-418-6 UK-REACH: 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 (ATE: 0.17 mg/l) 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.

Other information

[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 a casualty ward - bring along 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 and open eyes widely. Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Seek medical assistance and continue flushing during transport.

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 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 and occurs by the allergen penetrating the skin and reacting with proteins in the upper skin layer. The body's immune system perceives the chemically altered protein as a foreign body and will try to break it down.

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

None known.

Information to medics

Bring this safety data sheet or the product label.

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

Fire fighters should wear appropriate personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers etc.

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.

To the extent possible cleaning is 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

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) (ppm): 50

Long term exposure limit (8 hours) (mg/m³): 308

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

Triethylamine

Long term exposure limit (8 hours) (ppm): 2

Long term exposure limit (8 hours) (mg/m³): 8

Short term exposure limit (15 minutes) (ppm): 4

Short term exposure limit (15 minutes) (mg/m³): 17

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.

EH40/2005 Workplace exposure limits (Fourth Edition 2020).

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/m ³
Long term – Systemic effects - Workers	Inhalation	308 mg/m ³
Long term – Systemic effects - General population	Oral	36 mg/kg bw/day

1,2-Benzisothiazol-3(2H)-one (BIT)

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	0,345 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	0,966 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1,2 mg/m ³
Long term – Systemic effects - Workers	Inhalation	6,81 mg/m ³

5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-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

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

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/day
Short term – Systemic effects - General population	Oral	0,11 mg/kg bw/day

Triethylamine

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Dermal	12,1 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	8,4 mg/m ³
Short term – Local effects - Workers	Inhalation	12,6 mg/m ³
Short term – Systemic effects - Workers	Inhalation	8,4 mg/m ³
Short term – Systemic effects - Workers	Inhalation	12,6 mg/m ³

PNEC

(2-Methoxymethylethoxy)propanol

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)

Route of exposure	Duration of Exposure	PNEC
Freshwater		4,03 µg/l
Freshwater sediment		49,9 µg/kg dw
Intermittent release (freshwater)		1,1 µg/l
Intermittent release (marine water)		0,11 µg/l
Marine water		0,403 µg/l
Marine water sediment		4,99 µg/kg dw
Sewage treatment plant		1,03 mg/l
Soil		3 mg/kg dw

5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))

Route of exposure	Duration of Exposure	PNEC
Freshwater		3,39 µg/l
Freshwater sediment		0,027 mg/kg dw
Intermittent release (freshwater)		3,39 µg/l
Intermittent release (marine water)		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

Triethylamine

Route of exposure	Duration of Exposure	PNEC
Freshwater		0,11 mg/l

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Freshwater sediment	1,575 mg/kg dw
Intermittent release (freshwater)	0,08 mg/l
Marine water	0,011 mg/l
Marine water sediment	0,158 mg/kg dw
Sewage treatment plant	100 mg/l
Soil	0,25 mg/kg dw

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 is recommended if normal air flow in the work room is not sufficient. Ensure eyewash and emergency showers are clearly marked.

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


No specific requirements.

8.3. Individual protection measures, such as personal protective equipment


Generally

Use only UKCA marked protective equipment.


Respiratory Equipment

Work situation	Type	Class	Colour	Standards	
In case of spray application	Combination filter AP	2	Brown/white	EN14387	


Skin protection

Work situation	Recommended	Type/Category	Standards	
	Dedicated work clothing should be worn	-	-	
In case of spray application	Protective suit with hood	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0,4	> 480	EN374-2, EN374-3, EN388	

Eye protection

Work situation	Type	Standards	
In case of spray application	Safety glasses with side shields	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Whitish

Odour / Odour threshold

Faint

pH

8-9

Density (g/cm³)

1,04-1,10

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.

Ignition (°C)

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

Auto flammability (°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

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 (g/l)

≤ 55

Other physical and chemical parameters

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

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 as retained and amended in UK law

Acute toxicity

Product/substance	Triethylamine
Test method	OECD 401
Species	Rat, male/female
Route of exposure	Oral
Test	LD50
Result	730 mg/kg
Other information	

Product/substance	Triethylamine
Test method	OECD 403
Species	Rat, Sprague-Dawley, male/female
Route of exposure	Inhalation
Test	LC50
Result	7,22 mg/l
Other information	

Product/substance	Triethylamine
Test method	OECD 402
Species	Rabbit, New Zealand Black, male
Route of exposure	Dermal
Test	LD50
Result	580 mg/kg
Other information	

Product/substance	1,2-Benzisothiazol-3(2H)-one (BIT)
Test method	OECD 401
Species	Rat, Wistar, male/female
Route of exposure	Oral
Test	LD50
Result	490 mg/kg
Other information	

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

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

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

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

Species	Rat, Sprague-Dawley, male/female
Route of exposure	Inhalation
Test	LC50
Result	0,17 mg/l
Other information	

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

None known.

▼ Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	1,2-Benzisothiazol-3(2H)-one (BIT)
Test method	OECD 201
Species	Selenastrum capricornutum
Compartment	
Duration	72 hours
Test	ErC50
Result	0,11 mg/l
Other information	

Product/substance	1,2-Benzisothiazol-3(2H)-one (BIT)
Test method	
Species	Selenastrum capricornutum
Compartment	
Duration	72 hours
Test	NOErC
Result	0,0403 mg/l
Other information	

12.2. Persistence and degradability

Product/substance	(2-Methoxymethylethoxy)propanol
Biodegradable	Yes
Test method	OECD 301 F
Result	79 %

Product/substance	Triethylamine
Biodegradable	Yes

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

Test method	OECD 301 B
Result	80 %

Product/substance	5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))
Biodegradable	Yes
Test method	OECD 301 B
Result	62 %

12.3. Bioaccumulative potential

Product/substance	(2-Methoxymethylethoxy)propanol
Test method	
Potential bioaccumulation	No
LogPow	0,004
BCF	No data available.
Other information	

Product/substance	Triethylamine
Test method	
Potential bioaccumulation	No
LogPow	1,45
BCF	0,5
Other information	

Product/substance	1,2-Benzisothiazol-3(2H)-one (BIT)
Test method	
Potential bioaccumulation	No
LogPow	0,7
BCF	6,62
Other information	

Product/substance	5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))
Test method	
Potential bioaccumulation	No
LogPow	0,75
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. ▼ Endocrine disrupting properties

None known.

12.7. ▼ Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

Product is not covered by regulations on dangerous waste.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

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

Specific labelling

Not applicable.

Contaminated packing

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

SECTION 14: Transport information

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

	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. 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

The Health and Safety at Work etc. Act 1974 Regulations 2013.

2012 No. 1715 ENVIRONMENTAL PROTECTION: The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) 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

H314, Corrosive to the respiratory tract.

H225, Highly flammable liquid and vapour.

H301, Toxic if swallowed.

H302, Harmful if swallowed.

H310, Fatal in contact with skin.

H311, Toxic 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.

H331, Toxic if inhaled.

H335, May cause respiratory irritation.

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.

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: GB-en