

FILLER 4:1

Creation date 19. June 2018
Revision date Version 1.1

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

- 1.1. Product identifier**
Substance / mixture FILLER 4:1
Number mixture
BLACK L - 10001 / WHITE - L 10002 / GREY - L 10003
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
mixture's intended use 2K acrylic primer filler.
Disapproved uses of mixture For professional use only.
- 1.3. Details of the supplier of the safety data sheet**
Supplier
Name or trade name RETECH, s.r.o.
Address Vackova 1541/4, Praha 5 - Stodůlky, 155 00
Czech Republic
Identification number (ID) 25018205
Phone +420327596428
E-mail info@retech.cz
Web address www.retech.com
- Competent person responsible for the safety data sheet**
Name RETECH, s.r.o.
E-mail info@retech.cz
- 1.4. Emergency telephone number**
RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic; Telephone number: +420 327 596 128 (7.30-16.00 hour)
Poisoning information centre, Na Bojišti 1, Praha, Czech Republic, Tel.: non-stop +420 224 919 293 or +420 224 915 402, Information on health risks only - acute poisoning of humans and animals.

SECTION 2: Hazards identification**2.1. Substance or mixture classification****Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Flam. Liq. 3, H226
Skin Irrit. 2, H315
Eye Irrit. 2, H319
STOT RE 2, H373
Aquatic Chronic 3, H412

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Flammable liquid and vapour.

Most serious adverse effects on human health and the environment

Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

2.2. Label elements**Hazard pictogram****Signal word**

Warning

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Hazardous substances

xylene (mixture of isomers)
ethylbenzene

Hazard statements

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403 Store in a well-ventilated place.
P501 Dispose of contents/container to in accordance with national regulations.

Supplemental information

EUH 208 Contains dibutyltin dilaurate. May produce an allergic reaction.

2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
CAS: 1330-20-7 EC: 215-535-7 Registration number: 01-2119488216-32	xylene (mixture of isomers)	5-10	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H312+H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373	1
CAS: 123-86-4 EC: 204-658-1 Registration number: 01-2119485493-29	n-butyl acetate	1-10	Flam. Liq. 3, H226 STOT SE 3, H336	
CAS: 100-41-4 EC: 202-849-4 Registration number: 01-2119489370-35	ethylbenzene	1-10	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Acute Tox. 4, H332 STOT RE 2, H373	1
CAS: 108-65-6 EC: 203-603-9 Registration number: 01-2119475791-29	2-methoxy-1-methylethyl acetate	1-10	Flam. Liq. 3, H226	1

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008		Note.
CAS: 64742-95-6 EC: 265-199-0 Registration number: 01-2119455851-35	Solvent naphtha (petroleum), light arom.	1-2,5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335, H336 Aquatic Chronic 2, H411		
CAS: 77-58-7 EC: 201-039-8 Registration number: 01-2119496068-27	dibutyltin dilaurate	0,10-0,25	Skin Corr. 1C, H314 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1B, H360FD STOT SE 1, H370 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410		

Notes

- 1 Substance for which exposure limits of Community for working environment exist.
Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

Inhalation

Terminate the exposure immediately; move the affected person to fresh air. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

Skin contact

Remove contaminated clothes. Wash with plenty of soap and water.

Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. In the event of issues, find medical advice.

Ingestion

Rinse out the mouth with water and provide 2-5 dL of water. DO NOT INDUCE VOMITING! Do not give milk or alcoholic beverages. In the event of unconsciousness, do not provide food by mouth. Provide medical treatment.

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

Inhalation

Dizziness, headaches, fatigue

Skin contact

Redness.

Eye contact

not available

Ingestion

Nausea, stomach pain, vomiting, diarrhoea.

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

not available

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam. Powder.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

No hazardous combustion products are known.

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Store in a closed container. Store away from other materials. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water. Dispose of contaminated extinguishing water and remains after the fire in accordance with the official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Flammable liquid and vapour. Use personal protective equipment for work.

6.2. Environmental precautions

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

6.3. Methods and material for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece). After soaking store the respective material in the suitable package.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Observe valid legal regulations on safety and health protection. Use personal protective equipment as per Section 8. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest. Prevent formation of aerosols. Keep away from sources of heating, ignition and direct sunlight. No smoking. Take precautionary measures against static discharge.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Storage class 3A - Flammable liquids (flash point below 55 °C)

The specific requirements or rules relating to the substance/mixture

The product is stable and no degradation occurs under normal use.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
xylene (mixture of isomers) (CAS: 1330-20-7)	OEL	8 hours	221 mg/m ³		EU limits
	OEL	8 hours	50 ppm		
	OEL	Short-term	442 mg/m ³		

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European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
xylene (mixture of isomers) (CAS: 1330-20-7)	OEL	Short-term	100 ppm		EU limits
ethylbenzene (CAS: 100-41-4)	OEL	8 hours	442 mg/m ³		EU limits
	OEL	8 hours	100 ppm		
	OEL	Short-term	884 mg/m ³		
	OEL	Short-term	200 ppm		
2-methoxy-1-methylethyl acetate (CAS: 108-65-6)	OEL	8 hours	275 mg/m ³		EU limits
	OEL	8 hours	50 ppm		
	OEL	Short-term	550 mg/m ³		
	OEL	Short-term	100 ppm		

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
xylene (mixture of isomers) (CAS: 1330-20-7)	WEL	8 hours	220 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	15 minutes	441 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	8 hours	50 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	15 minutes	100 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
n-butyl acetate (CAS: 123-86-4)	WEL	8 hours	724 mg/m ³		GBR
	WEL	15 minutes	966 mg/m ³		
	WEL	8 hours	150 ppm		

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United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
n-butyl acetate (CAS: 123-86-4)	WEL	15 minutes	200 ppm		GBR
ethylbenzene (CAS: 100-41-4)	WEL	8 hours	441 mg/m ³		Gestis
	WEL	Short-term	552 mg/m ³		
	WEL	8 hours	100 ppm		
	WEL	Short-term	125 ppm		
2-methoxy-1-methylethyl acetate (CAS: 108-65-6)	WEL	8 hours	274 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	15 minutes	548 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	8 hours	50 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	15 minutes	100 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	

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DNEL

2-methoxy-1-methylethyl acetate

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	275 mg/m ³	Systemic chronic effects	

dibutyltin dilaurate

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	0.01 mg/m ³	Local chronic effects	

ethylbenzene

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	77 mg/m ³	Local chronic effects	

n-butyl acetate

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	480 mg/m ³	Systemic chronic effects	

Solvent naphtha (petroleum), light arom.

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	608 mg/m ³	Local chronic effects	

xylene (mixture of isomers)

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	77 mg/m ³	Systemic chronic effects	

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. Ensure eye bath is to hand.

Eye/face protection

Tightly sealed goggles.

Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer.

Other protection: protective workwear. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection

Under regular circumstances it is not necessary.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state

liquid at 20°C

color

grey

Odour

characteristic

Odour threshold

data not available

pH

data not available

Melting point/freezing point

data not available

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Initial boiling point and boiling range		126.3 °C (7,6 hPa)	
Flash point		27 °C (ISO 1523, closed cup Setaflash)	
Evaporation rate		non-applicable	
Flammability (solid, gas)		data not available	
Upper/lower flammability or explosive limits			
flammability limits		data not available	
explosive limits			
bottom		(25°C) 1.2 %	
upper		(25°C) 7.7 %	
Vapour pressure		6.8 hPa at 20 °C	
Vapour density		1,6 g/cm ³ (20 °C, ISO 2811-1)	
Relative density		data not available	
Solubility(ies)			
solubility in water		insoluble	
solubility in fats		data not available	
Partition coefficient: n-octanol/water		data not available	
Auto-ignition temperature		390 °C	
Decomposition temperature		data not available	
Viscosity		50000 mPa.s (20 °C, ISO 2811-1)	
Kinematic viscosity		> 20.5 mm ² /s at 40°C	
Explosive properties		data not available	
Oxidising properties		data not available	
data not available			
9.2. Other information			
Density		data not available	
ignition temperature		data not available	
Max. VOC content in the product in its ready to use condition		435 g/l	

SECTION 10: Stability and reactivity**10.1. Reactivity**

The product is stable under normal conditions.

10.2. Chemical stability

The product is stable and no degradation occurs under normal use.

10.3. Possibility of hazardous reactions

The product is stable under normal conditions. Vapours mixed up with air can be explosive.

10.4. Conditions to avoid

Protect against flames, sparks, overheating.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

No toxicological data is available for the mixture.

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Acute toxicity

Based on available data the classification criteria are not met.

2-methoxy-1-methylethyl acetate

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀	OECD 401	8532 mg/kg		Rat			
Dermal	LD ₅₀	OECD 402	5000 mg/kg		Rat			
Inhalation	LC ₅₀	OECD 403	35.7 mg/l	4 hour	Rat			

ethylbenzene

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀	OECD 401	3500 mg/kg		Rat			
Dermal	LD ₅₀	OECD 402	15400 mg/kg		Rabbit			
Inhalation	LC ₅₀	OECD 403	17.4 mg/l	4 hour	Rat			

n-butyl acetate

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀	OECD 401	10768 mg/kg		Rat			
Dermal	LD ₅₀	OECD 402	17600 mg/kg		Rabbit			
Inhalation	LC ₅₀	OECD 403	23.4 mg/l	4 hour	Rat			

Solvent naphtha (petroleum), light arom.

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀	OECD 401	3592 mg/kg		Rat			
Dermal	LD ₅₀	OECD 402	3160 mg/kg		Rabbit			
Inhalation	LC ₅₀		>20 mg/l	4 hour	Rat			

xylene (mixture of isomers)

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method	Source
Oral	LD ₅₀	OECD 401	4300 mg/kg		Rat			
Dermal			1100 mg/kg				Calculation of value	Converted acute toxicity point estimate
Inhalation	LC ₅₀	OECD 403	22.08 mg/l	4 hour	Rat			

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

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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.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Based on available data the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Harmful to aquatic life with long lasting effects.

2-methoxy-1-methylethyl acetate

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀	OECD 203	100 mg/l	96 hour	Fishes	
EC ₅₀	OECD 202	408 mg/l	48 hour	Daphnia (Daphnia magna)	
EC ₅₀	OECD 201	1000 mg/l	72 hour	Algae	

ethylbenzene

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀	OECD 203	12 mg/l	96 hour	Fishes	
EC ₅₀	OECD 202	1.8 mg/l	48 hour	Daphnia (Daphnia magna)	
EC ₅₀	OECD 201	33 mg/l	72 hour	Algae	

n-butyl acetate

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀	OECD 203	18 mg/l	96 hour	Fishes	
EC ₅₀	OECD 202	32 mg/l	48 hour	Invertebrates (Daphnia magna)	
EC ₅₀	OECD 201	675 mg/l	72 hour	Algae	

Solvent naphtha (petroleum), light arom.

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀	OECD 203	9.2 mg/l	96 hour	Fishes	
EC ₅₀	OECD 202	3.2 mg/l	48 hour	Daphnia (Daphnia magna)	

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Solvent naphtha (petroleum), light arom.

Parameter	Method	Value	Time of exposure	Species	Environment
EC ₅₀	OECD 201	2.9 mg/l	72 hour	Algae	

xylene (mixture of isomers)

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀	OECD 203	14 mg/l	96 hour	Fishes	
EC ₅₀	OECD 202	16 mg/l	48 hour	Daphnia	

12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste.

Legislation of waste

Council Directive 75/442/EEC on waste, as amended. Decree No. 383/2001 Coll., on details regarding waste handling as amended. Decree No. 93/2016 Coll., (waste catalogue) as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

08 01 11 waste paint and varnish containing organic solvents or other dangerous substances

Packaging waste type code

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

SECTION 14: Transport information**14.1. UN number**

UN 1263

14.2. UN proper shipping name

PAINT

14.3. Transport hazard class(es)

3 Flammable liquids

14.4. Packing group

III - substances presenting low danger

14.5. Environmental hazards

No

14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available

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Additional information

Hazard identification No.

30

(Kemler Code)

UN number

1263

Classification code

F1

Safety signs

3

**Air transport - ICAO/IATA**

Packaging instructions for limited amount Y344

Cargo packaging instructions 366

Marine transport - IMDG

EmS (emergency plan)

F-E, S-E

Marine pollution

No

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended (the Chemical Act). The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. The Act No. 258/2000 Coll., on Protection of Public Health as amended. Decree No. 361/2007 Coll., determining conditions of occupational health protection as amended. Decree No. 415/2012 Coll., on the permissible level of pollution and its determination and implementation of certain other provisions of the Air Protection Act as amended. The Act No. 185/2001 Coll., on Waste and the Amendment of Some Other Acts as amended. The Act No. 201/2012 Coll., on the Protection of Atmosphere – Clean Air Act as amended. Decree No. 432/2003 Coll., laying down conditions for assigning categories to individual jobs, limit values of indices from biological exposure tests, conditions for the sampling of biological materials for biological exposure and the particulars of the reports on work with asbestos and biological agents as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended.

15.2. Chemical safety assessment

not available

SECTION 16: Other information**A list of standard risk phrases used in the safety data sheet**

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

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H341	Suspected of causing genetic defects.
H360FD	May damage fertility. May damage the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
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.
H412	Harmful to aquatic life with long lasting effects.
H312+H332	Harmful in contact with skin or if inhaled.

Guidelines for safe handling used in the safety data sheet

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P260	Do not breathe vapours/spray.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P370+P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403	Store in a well-ventilated place.
P501	Dispose of contents/container to in accordance with national regulations.

A list of additional standard phrases used in the safety data sheet

EUH 066	Repeated exposure may cause skin dryness or cracking.
EUH 208	Contains dibutyltin dilaurate. May produce an allergic reaction.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC ₅₀	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration

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LOAEL	Lowest observed adverse effect level
log Kow	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment
Asp. Tox.	Aspiration hazard
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Muta.	Germ cell mutagenicity
Repr.	Reproductive toxicity
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

2, 3, 8, 11, 12, 15, 16

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.