

	according to Regulation (EC) No 1907/2006 (REACH) as amended								
			peroxide 30%						
Creat	ion date	03rd September 2019							
Revis	ion date	14th September 2022	Version	4.0					
БЕСТ	ION 1: Identification	n of the substance/mixture a	nd of the company/u	ndertaking					
l.1.	Product identifier		Hydrogen peroxi	ide 30%					
	Substance / mixture	2	mixture						
	UFI		YTD4-Y23U-D00P-9VAE						
	Other mixture name	25							
	Hydrogen per	oxide solution 30%, Hydrogenii j	peroxidum 30%						
L .2.	Relevant identifie	d uses of the substance or mi	ixture and uses advis	ed against					
	Mixture's intended use								
				pplications. Textile industry. Industrial					
		astewater treatment. Surface tre	atment of metals.						
	Mixture uses advised against								
		-							
_	The product should	not be used in ways other then t		n 1.					
.3.	The product should Details of the sup	-		n 1.					
3.	The product should Details of the sup Supplier	not be used in ways other then t plier of the safety data sheet							
3.	The product should Details of the supp Supplier Name or trade	not be used in ways other then t plier of the safety data sheet	Ing. Petr Švec -	PENTA s.r.o.					
.3.	The product should Details of the sup Supplier	not be used in ways other then t plier of the safety data sheet	Ing. Petr Švec - Radiová 1122/1,						
.3.	The product should Details of the supp Supplier Name or trade Address	not be used in ways other then t plier of the safety data sheet e name	Ing. Petr Švec - Radiová 1122/1, Czech Republic	PENTA s.r.o.					
L .3 .	The product should Details of the supp Supplier Name or trade Address Identification	not be used in ways other then t plier of the safety data sheet	Ing. Petr Švec - Radiová 1122/1, Czech Republic 02096013	PENTA s.r.o.					
.3.	The product should Details of the supp Supplier Name or trade Address Identification VAT Reg No	not be used in ways other then t plier of the safety data sheet e name	Ing. Petr Švec - Radiová 1122/1, Czech Republic 02096013 CZ02096013	PENTA s.r.o. , Praha 10, 102 00					
3.	The product should Details of the supp Supplier Name or trade Address Identification VAT Reg No Phone	not be used in ways other then t plier of the safety data sheet e name	Ing. Petr Švec - Radiová 1122/1, Czech Republic 02096013 CZ02096013 +420 226 060 6	PENTA s.r.o. , Praha 10, 102 00 81					
3.	The product should Details of the supp Supplier Name or trade Address Identification VAT Reg No Phone E-mail	not be used in ways other then t plier of the safety data sheet e name	Ing. Petr Švec - Radiová 1122/1, Czech Republic 02096013 CZ02096013 +420 226 060 6 info@pentachem	PENTA s.r.o. , Praha 10, 102 00 81 hicals.eu					
3.	The product should Details of the supp Supplier Name or trade Address Identification VAT Reg No Phone E-mail Web address	not be used in ways other then t plier of the safety data sheet e name number (CRN)	Ing. Petr Švec - Radiová 1122/1, Czech Republic 02096013 CZ02096013 +420 226 060 6 info@pentachem www.pentachem	PENTA s.r.o. , Praha 10, 102 00 81 hicals.eu					
L. 3 .	The product should Details of the supplier Name or trade Address Identification VAT Reg No Phone E-mail Web address Competent persor	not be used in ways other then t plier of the safety data sheet e name	Ing. Petr Švec - Radiová 1122/1, Czech Republic 02096013 CZ02096013 +420 226 060 6 info@pentachem www.pentachem ata sheet	PENTA s.r.o. , Praha 10, 102 00 81 hicals.eu hicals.eu					
1.3.	The product should Details of the supplier Name or trade Address Identification VAT Reg No Phone E-mail Web address Competent person Name	not be used in ways other then t plier of the safety data sheet e name number (CRN)	Ing. Petr Švec - Radiová 1122/1, Czech Republic 02096013 CZ02096013 +420 226 060 6 info@pentachem www.pentachem ata sheet Ing. Petr Švec -	PENTA s.r.o. , Praha 10, 102 00 81 nicals.eu nicals.eu PENTA s.r.o.					
	The product should Details of the supplier Name or trade Address Identification VAT Reg No Phone E-mail Web address Competent person Name E-mail	not be used in ways other then t plier of the safety data sheet e name number (CRN)	Ing. Petr Švec - Radiová 1122/1, Czech Republic 02096013 CZ02096013 +420 226 060 6 info@pentachem www.pentachem ata sheet	PENTA s.r.o. , Praha 10, 102 00 81 nicals.eu nicals.eu PENTA s.r.o.					
1.3.	The product should Details of the supplier Name or trade Address Identification VAT Reg No Phone E-mail Web address Competent person Name	not be used in ways other then t plier of the safety data sheet e name number (CRN) n responsible for the safety da	Ing. Petr Švec - Radiová 1122/1, Czech Republic 02096013 CZ02096013 +420 226 060 6 info@pentachem www.pentachem ata sheet Ing. Petr Švec -	PENTA s.r.o. , Praha 10, 102 00 81 nicals.eu nicals.eu PENTA s.r.o.					

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008 The mixture is classified as dangerous.

Acute Tox. 4, H302 Eye Dam. 1, H318

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

Most serious adverse effects on human health and the environment

Causes serious eye damage. Harmful if swallowed.

2.2. Label elements



Danger



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according to Regulation (EC) No 1907/2006 (REACH) as amended

Hydrogen peroxide 30%						
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Hazardous substances

hydrogen peroxide solution	on %
Hazard statements	
H302	Harmful if swallowed.
H318	Causes serious eye damage.
Precautionary stateme	nts
P280	Wear eye protection.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. 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

The substance 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
Index: 008-003-00-9 CAS: 7722-84-1 EC: 231-765-0 Registration number: 01-2119485845-22- xxxx	hydrogen peroxide solution %	29-32	Ox. Liq. 1, H271 Acute Tox. 4, H302, H332 Skin Corr. 1A, H314 Specific concentration limit: Skin Corr. 1A, H314: $C \ge 70 \%$ Skin Corr. 1B, H314: $50 \% \le C < 70 \%$ Skin Irrit. 2, H315: $35 \% \le C < 50 \%$ Eye Irrit. 2, H319: $5 \% \le C < 8 \%$ Eye Dam. 1, H318: $8 \% \le C < 50 \%$ Ox. Liq. 1, H271: $C \ge 70 \%$ Ox. Liq. 2, H272: $50 \% \le C < 70 \%$ STOT SE 3, H335: $C \ge 35 \%$	1

Notes

1 Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

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



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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. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

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

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

If in eyes

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. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

If swallowed

Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment.

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

If inhaled

Inhaling vapours can cause corrosion of the breathing system.

If on skin

Not expected.

If in eyes

Causes serious eye damage.

If swallowed

Corrosion of the digestion system can occur.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist. **Unsuitable extinguishing media**

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.



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6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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. Do not store near strong acids, bases, salts of heavy metals and reducing substances. Unsuitable packaging materials: Fe, Cu and alloys, Zn, Sn.

7.3. Specific end use(s)

-10+30 °C

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set. $\ensuremath{\textbf{DNEL}}$

hydrogen perox	hydrogen peroxide solution %						
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source		
Workers	Inhalation	1.4 mg/m ³	Chronic effects local				
Workers	Inhalation	3 mg/m ³	Acute effects local				
Consumers	Inhalation	0.21 mg/m ³	Chronic effects local				
Consumers	Inhalation	1.93 mg/m ³	Acute effects local				

PNEC

hydrogen peroxide solution %					
Route of exposure	Value	Value determination	Source		
Freshwater environment	0.0126 mg/l				
Marine water	0.0126 mg/l				
Freshwater sediment	0.047 mg/kg				
Sea sediments	0.047 mg/kg				
Microorganisms in sewage treatment	4.66 mg/l				
Soil (agricultural)	0.0023 mg/kg				



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8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

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. Contaminated skin should be washed thoroughly.

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

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

Physical state	liquid
Colour	colourless
Odour	without fragrance
Melting point/freezing point	-20 °C
Boiling point or initial boiling point and boiling range	106 °C
Flammability	non-inflammable
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	3-4 (undiluted)
Kinematic viscosity	data not available
Solubility in water	soluble
Partition coefficient n-octanol/water (log value)	-1.1 20°C
Vapour pressure	3.2 kPa at 30 °C
Density and/or relative density	
Density	1.11 g/cm³ at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available
Other information	
not available	

SECTION 10: Stability and reactivity

10.1. Reactivity

9.2.

- not available
- 10.2. Chemical stability
- The product is stable under normal conditions.
- **10.3.** Possibility of hazardous reactions Unknown.



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The product is stable and no degradat

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Reducing agents. Avoid contact with: alkali metals, alkaline earth metals. Powdered metals. Organics materials.

10.6. Hazardous decomposition products Not developed under normal uses. 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 hazard classes as defined in Regulation (EC) No 1272/2008

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Harmful if swallowed.

hydrogen peroxide solution %							
Route of exposure	Parameter	Value	Exposure time	Species	Sex		
	LD50	>1026 mg/kg		Rat (Rattus norvegicus)			
Dermal	LD50	>2000 mg/kg		Rabbit			
Inhalation (gases)	LC50	>0.17 mg/kg	4 hours	Rat (Rattus norvegicus)			

Skin corrosion/irritation

Based on available data the classification criteria are not met.

hydrogen peroxide solution %				
Route of exposure	Result	Exposure time	Species	
	Irritating		Rabbit	

Serious eye damage/irritation

Causes serious eye damage.

hydrogen peroxide solution %				
Route of exposure	Result	Exposure time	Species	
	Serious eye damage		Rabbit	

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Sensitization

hydrogen peroxide solution %					
Route of exposure	Result	Exposure time	Species	Sex	
	Negative		Guinea-pig		



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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

Based on available data the classification criteria are not met.

hydrogen peroxide solution %							
Route of exposure	Parameter	Method	Value	Specific target organ	Result	Species	Sex
	NOEL	OECD 408	26 mg/kg	Blood		Mouse	М

Aspiration hazard

Based on available data the classification criteria are not met.

hydrogen peroxide solution %					
Route of exposure	Result	Exposure time	Species	Sex	
	Positive				

11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

not available

Acute toxicity

hydrogen peroxide solution... %

nydrogen peroxide solution %					
Parameter	Method	Value	Exposure time	Species	Environmen t
LC50		16.4 mg/l	96 hours	Fish (Pimephales promelas)	
EC₅o		7.7 mg/l	24 hours	Invertebrates (Daphnia magna)	
IC50		2.5 mg/l	72 hours	Algae (Chlorella vulgaris)	
EC50	OECD 209	466 mg/l		Microorganisms	
		34 mg/l		Higher plants	

12.2. Persistence and degradability

not available



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Half-life time

hydrogen peroxide solution %				
Route of exposure	Value	Value determination	Source	
Air	24 hours			
Soil (agricultural)	12 hours			

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. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. 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. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

- **14.1. UN number or ID number** UN 2014
- 14.2. UN proper shipping name HYDROGEN PEROXIDE, AQUEOUS SOLUTION
- **14.3.** Transport hazard class(es) 5.1 Oxidazing substances
- 14.4. Packing group
- II substances presenting medium danger

14.5. Environmental hazards

- not relevant
- **14.6.** Special precautions for user not available
- **14.7.** Maritime transport in bulk according to IMO instruments not relevant



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	Hydrogen peroxide 30%					
Creation date Revision date	03rd September 2019 14th September 2022	Version	4.0			
Additional in	formation					
Hazard id	entification No.	58				
UN numb	er	2014				
Classifica	tion code	OC1				
Safety sig	jns	5.1+8				
		5.1				
Air transport	- ICAO/IATA					
Packaging	g instructions passenger	550				
	ckaging instructions	554				
Marine trans	port - IMDG					
EmS (em	ergency plan)	F-H, S-Q				

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. Product contains restricted explosives precursors: Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 5.

15.2. Chemical safety assessment

A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet H271 May cause fire or explosion; strong oxidiser. H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. Guidelines for safe handling used in the safety data sheet P280 Wear eye protection. P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

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.



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		peroxide 30%	
ation date	03rd September 2019	Version	1.0
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Key to abbrevia	ations and acronyms used in the	safety data sheet	
ADR	European agreement road	t concerning the interna	ational carriage of dangerous goods by
BCF	Bioconcentration Fac	tor	
CAS	Chemical Abstracts S	Service	
CLP	Regulation (EC) No 1 substance and mixtu		tion, labelling and packaging of
EC		or each substance listed	
EC50	Concentration of a s	ubstance when it is affe	ected 50% of the population
EINECS	European Inventory	of Existing Commercial	Chemical Substances
EmS	Emergency plan		
EU	European Union		
EuPCS	European Product Ca	tegorisation System	
IATA	International Air Tra	nsport Association	
IBC	International Code F Dangerous Chemical		d Equipment of Ships Carrying
IC50	Concentration causir		
ICAO	International Civil Av	-	
IMDG	International Maritim	5	
IMO	International Maritim	5	
INCI		clature of Cosmetic Ing	aredients
ISO		zation for Standardizati	-
IUPAC		of Pure and Applied Che	
LC50			h it can be expected death of 50% of t
LD50		stance in which it can b	be expected death of 50% of the
log Kow	Octanol-water partit	ion coefficient	
NOEL	No observed effect le		
OEL	Occupational Exposu		
PBT	Persistent, Bioaccum		
ppm	Parts per million		
REACH		tion Authorication and	Restriction of Chemicals
RID	-	ansport of dangerous g	
UN	_		ostance or article taken from the UN
UVCB		own or variable compos	ition, complex reaction products or
VOC	Volatile organic com	pounds	
vPvB	_	very Bioaccumulative	
Acute Tox.	Acute toxicity		
Eye Dam.	Serious eye damage		
Ox. Liq.	Oxidising liquid		
Skin Corr.	Skin corrosion		
STOT SE	Specific target organ	i toxicity - single expos	ure
Training guidel		'	
	onnel about the recommended ways	of use, mandatory pro	tective equipment, first aid and prohib

not available

Information about data sources used to compile the Safety Data Sheet



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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. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

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

The version 4.0 replaces the SDS version from 28 January 2021. Changes were made in sections 2,4,8,9,13, 15 and 16.

More information

Classification procedure - calculation method.

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.