

ACTIVE SHAMPOO 3000 - 250 ml

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Substance / mixture	ACTIVE SHAMPOO 3000 - 250 ml mixture
Number	1 34155
UFI	QM6H-RNJH-T71Q-A01M

1.2. Relevant identified uses of the substance or mixture and uses advised against**Mixture's intended use**

Cleaning agent. For professional use only.

The use descriptors

SU 3	Industrial uses: Uses of substances as such or in preparations* at industrial sites
SU 22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
PROC 7	Industrial spraying
PROC 8a	Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC 8b	Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC 10	Roller application or brushing
PROC 11	Non industrial spraying
ERC 8a	Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC 8d	Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

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 (CRN)	25018205
VAT Reg No	CZ25018205
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

European emergency number: 112

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.

Skin Corr. 1A, H314

Eye Dam. 1, H318

Most serious adverse effects on human health and the environment

Causes severe skin burns and eye damage. Causes serious eye damage.

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2.2. Label elements
Hazard pictogram

Signal word

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P264	Wash face, hands and exposed parts of the body thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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. Does not contain any PMT or vPvM components.

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
Index: 607-428-00-2 CAS: 64-02-8 EC: 200-573-9 Registration number: 01-2119486762-27	TETRASODIUM EDTA	0.5-<5	Acute Tox. 4, H302+H332 Eye Dam. 1, H318 STOT RE 2, H373	
CAS: 147170-44-3 EC: 931-333-8 Registration number: 01-2119489410-39	Cocamidopropyl Betaine	0.5-<5	Eye Dam. 1, H318 Aquatic Chronic 3, H412 Specific concentration limit: Eye Irrit. 2, H319: 4 % < C ≤ 10 % Eye Dam. 1, H318: 10 % < C < 100 %	
CAS: 68439-50-9 Registration number: POLYMER	alcohols, C12-14, ethoxylated	0.1-<1	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412	

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 011-002-00-6 CAS: 1310-73-2 EC: 215-185-5 Registration number: 01-2119457892-27	caustic soda	0.1-<1	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318 Specific concentration limit: Skin Corr. 1B, H314: 2 % ≤ C < 5 % Skin Corr. 1A, H314: C ≥ 5 % Eye Irrit. 2, H319: 0.5 % ≤ C < 2 % Skin Irrit. 2, H315: 0.5 % ≤ C < 2 %	

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

Provide medical treatment. Take care of your own safety. Ensure that persons handling with the product wear protective equipment.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. If unconscious, place in recovery position and get medical attention immediately. Keep the affected person warm and at rest.

If on skin

Remove contaminated clothes. Rinse contaminated areas with a flow of water, lukewarm at best, for 10-30 minutes; do not use any brush, soap or neutralizers. Depending on the situation, call the medical rescue service and always ensure medical treatment.

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 THE MOUTH WITH WATER IMMEDIATELY AND LET THE PERSON DRINK 2-5 dl of cold water to reduce the heating effect of the corrosive substance. Consuming larger amounts of liquid is not advisable as it may induce vomiting and potential inhaling of the corrosive substances in the lungs. The affected person must not be forced to drink, particularly if already feeling pain in the mouth or throat. In this case let the affected person only rinse the mouth with water. DO NOT PROVIDE ACTIVATED CARBON! Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible.

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

Causes severe skin burns.

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

not available

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SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

The product does not have explosive properties. In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise.

5.3. Advice for firefighters

Fight fire with normal precautions from a reasonable distance. Keep unprotected persons away. Use a self-contained breathing apparatus and full-body protective clothing.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Stop leak if safe to do so. Inform respective authorities in case of seepage into water course or sewage system. Absorb spillage to prevent material damage. Use personal protective equipment for work. Provide sufficient ventilation. Prevent contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep unprotected persons away. Evacuate area. Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Avoid release to the environment. Prevent contamination of the soil and entering surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

6.3. Methods and material for containment and cleaning up

Stop leak if safe to do so. Large spills may be taken up with pump. 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. After removal of the product, wash the contaminated site with plenty of water. Dispose of the collected material according to the instructions in the section 13.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace. Use personal protective equipment as per Section 8. Prevent contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands and exposed parts of the body thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. 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. Protect from sunlight. Keep only in original packaging.

Content	Packaging type	Material of package
5 l	jerry can	
20 l	jerry can	

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.

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8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed). EN166 - Personal Eye Protection Standard.

Skin protection

Hand protection: Protective gloves resistant to the product. EN ISO 374-1. 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.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Filter B.

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	blue
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	non-flammable
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	12.5 (undiluted at 20 °C)
alcohols, C12-14, ethoxylated (CAS: 68439-50-9)	6 (undiluted)
Cocamidopropyl Betaine (CAS: 147170-44-3)	5 (undiluted)
Kinematic viscosity	data not available
Solubility in water	soluble
Solubility in fats	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	1.05 g/cm ³ at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

Evaporation rate	data not available
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SECTION 10: Stability and reactivity**10.1. Reactivity**

When used in the standard way, there is not any dangerous reaction with other substances.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

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10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. See the Section 7.

10.5. Incompatible materials

not available

10.6. Hazardous decomposition products

Not developed under normal uses.

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

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

alcohols, C12-14, ethoxylated					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	300-2000 mg/kg bw		Rat	
Dermal	LD ₅₀	>2000 mg/kg bw		Rat	

caustic soda					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	>191 mg/kg		Rat	
Dermal	LD ₅₀	1350 mg/kg		Rabbit	

Cocamidopropyl Betaine					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	2335 mg/kg		Rat	
Oral	LD ₅₀	>5000 mg/kg bw			
Dermal	LD ₅₀	>2000 mg/kg		Rat	

TETRASODIUM EDTA					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	1780 mg/kg bw			
Inhalation	LD ₅₀	1000-5000 mg/m ³		Rat	

Skin corrosion/irritation

Causes severe skin burns and eye damage. Data for the components of the mixture are not available.

Serious eye damage/irritation

Causes severe skin burns and eye damage. Causes serious eye damage. Data for the components of the mixture are not available.

Respiratory or skin sensitisation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

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Germ cell mutagenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Carcinogenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - single exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - repeated exposure

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

alcohols, C12-14, ethoxylated							
Route of exposure	Parameter	Method	Value	Exposure time	Result	Species	Sex
Oral	NOAEL	OECD 408	≥500 mg/kg bw	90 days		Rat	

TETRASODIUM EDTA							
Route of exposure	Parameter	Method	Value	Exposure time	Result	Species	Sex
Inhalation (dust/mist)	LOAEC	OECD 413	0.015 mg/l of air	90 days		Rat	F
Oral	NOAEL	OECD 408	6 mg/kg bw	90 days		Rat	
Oral	LOAEL	OECD 408	60 mg/kg bw	90 days		Rat	

Aspiration hazard

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

11.2. Information on other hazards

Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

Other information

not available

SECTION 12: Ecological information

12.1. Toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

Acute toxicity

alcohols, C12-14, ethoxylated				
Parameter	Value	Exposure time	Species	Environment
LC50	1-10 ml/l		Fish	

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alcohols, C12-14, ethoxylated

Parameter	Value	Exposure time	Species	Environment
EC ₅₀	1-10 ml/l		Crustaceans	
EC ₅₀	1-10 mg/l	72 hours	Algae	

caustic soda

Parameter	Value	Exposure time	Species	Environment
LC ₅₀	>35 mg/l		Fish	
EC ₅₀	40.4 mg/l		Daphnia (Ceriodaphnia sp.)	
EC ₅₀	>33 mg/l		Other aquatic organisms (Waterflea)	

Cocamidopropyl Betaine

Parameter	Value	Exposure time	Species	Environment
LC ₅₀	1.11 mg/l		Fish (Pimephales promelas)	
LC ₅₀	49.4 mg/l		Fish (Danio rerio)	
EC ₅₀	6.5 mg/l		Daphnia (Daphnia magna)	
EC ₅₀	124 mg/l		Daphnia (Daphnia magna)	
EC ₅₀	21.5 mg/l		Other aquatic organisms (Waterflea)	
EC ₅₀	30 mg/l		Other aquatic organisms	
ErC ₅₀	2.4 mg/l		Algae	

TETRASODIUM EDTA

Parameter	Value	Exposure time	Species	Environment
LC ₅₀	>121 mg/l		Fish	
EC ₅₀	>114 mg/l		Daphnia (Daphnia magna)	
EC ₅₀	625 mg/l		Other aquatic organisms (Waterflea)	
EC ₅₀	2.77 mg/l		Other aquatic organisms	
ErC ₅₀	>60 mg/l	72 hours	Algae (Pseudokirchneriella subcapitata)	

Chronic toxicity
alcohols, C12-14, ethoxylated

Parameter	Value	Exposure time	Species	Environment
NOEC	0.1-1 ml/l		Algae	

Cocamidopropyl Betaine

Parameter	Value	Exposure time	Species	Environment
NOEC	0.135 mg/l			

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TETRASODIUM EDTA				
Parameter	Value	Exposure time	Species	Environment
LOEC	50 mg/l	21 days	Daphnia (Daphnia magna)	
NOEC	25 mg/l	21 days	Daphnia (Daphnia magna)	
NOEC	≥25.7 mg/l	35 days	Fish (Danio rerio)	
NOEC	25 mg/l	35 days	Crustaceans	

12.2. Persistence and degradability

The mixture is biodegradable. Surfactants are biodegradable according to the European Parliament and Council Regulation (EC) No. 648/2004 on detergents, as amended. Surfactants are biodegradable: >90 %

Biodegradability

alcohols, C12-14, ethoxylated					
Parameter	Method	Value	Exposure time	Environment	Result
					Easily biodegradable

Cocamidopropyl Betaine					
Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301B	91.6 %			Biodegradable

TETRASODIUM EDTA					
Parameter	Method	Value	Exposure time	Environment	Result
					Biodegradable

12.3. Bioaccumulative potential

Data for the mixture are not available.

caustic soda					
Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
Log Pow	-3.88				

Cocamidopropyl Betaine					
Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
Log Pow	4.2				

TETRASODIUM EDTA					
Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
Log Pow	-0.43				

12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PMT or vPvM components.

12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

12.6. Endocrine disrupting properties

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Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

12.7. Other adverse effects

Not available.

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.

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 1719

14.2. UN proper shipping name

CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide)

14.3. Transport hazard class(es)

8 Corrosive substances

14.4. Packing group

III

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

Additional information

Hazard identification No.

80

UN number

1719

Classification code

C5

Safety signs

8



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Road transport - ADR

Special provisions	274
Limited quantities	5 L
Excepted quantities	E1

Packaging

Packing instructions	P001, IBC03, R001
Mixed packing provisions	MP19

Portable tanks and bulk containers

Guidelines	T7
Special provisions	TP1, TP28

ADR tank

Tank code	L4BN
Vehicles for tank carriage	AT
Transport category	3
Tunnel restriction code	(E)

Special provision for

packages	V12
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Railway transport - RID**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 as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Additional information in accordance with Regulation (EC) no. 648/2004 on detergents, as amended

<5 % cationic surfactants, <5 % amphoteric surfactants, <5 % non-ionic surfactants, <5 % EDTA and salts thereof

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

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

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H302+H332	Harmful if swallowed or if inhaled.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
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.

Guidelines for safe handling used in the safety data sheet

P264	Wash face, hands and exposed parts of the body thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.

Key to abbreviations and acronyms used in the safety data sheet

Acute Tox.	Acute toxicity
ADR	European agreement concerning the international carriage of dangerous goods by road
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
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
EuPCS	European Product Categorisation System
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
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
LOAEL	Lowest observed adverse effect level
log Kow	Octanol-water partition coefficient
Met. Corr.	Corrosive to metals
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
STOT RE	Specific target organ toxicity - repeated exposure

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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
vPvM	Very persistent and very mobile

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

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.