SAFETY DATA SHEET

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

NEXLER STYROPUK Czyścik do Pian Poliuretanowych

Creation date	27th November 2023		
Revision date		Version	1.0

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

1.1. Product identifier — NEXLER STYROPUK Czyścik do Pian Poliuretanowych

Substance / mixture: mixture

UFI: RR52-908W-500T-RXCQ

1.2. Relevant identified uses of the substance or mixture and uses advised against

Mixture's intended use

The product is intended for removing uncured polyurethane foams and adhesives, cleaning container valves, nozzles and guns dispensing polyurethane foam. Hardened foam can only be removed mechanically. Perfect for degreasing steel surfaces before using polyurethanes and silicones.

Main intended use

PC-CLN-OTH — Other cleaning, care and maintenance products (excludes biocidal products)

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	NEXLER sp. z o.o.
Address	Łużycka 6, Gdynia, 81-537 Poland
Identification number (CRN)	191528483
VAT Reg No	PL5862073821
Phone	+48 58 781 45 85
E-mail	info@nexler.com
Web address	www.nexler.com

Competent person responsible for the safety data sheet

Name	NEXLER sp. z o.o.
E-mail	info@nexler.com

1.4. Emergency telephone number

National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111

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.

Aerosol 1, H229, H222
Eye Irrit. 2, H319
STOT SE 3, H336

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

Most serious adverse physico-chemical effects

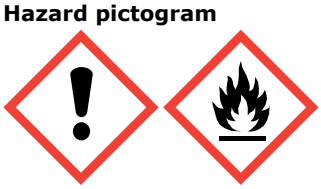
Pressurised container: May burst if heated. Extremely flammable aerosol.

Most serious adverse effects on human health and the environment

May cause drowsiness or dizziness. Causes serious eye irritation.

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

ethyl acetate
acetone

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C.
P501	Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste.

Supplemental information

EUH066	Repeated exposure may cause skin dryness or cracking.

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

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: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4 Registration number: 01-2119475103-46	ethyl acetate	40-65	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	2
Index: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2 Registration number: 01-2119471330-49	acetone	25-45	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	2
Index: 601-004-00-0 CAS: 75-28-5 EC: 200-857-2 Registration number: 01-2119485395-27	isobutane	10-20	Flam. Gas 1, H220 Press. Gas (liquefied gas), H280	1
Index: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9 Registration number: 01-2119486944-21	propane	3-10	Flam. Gas 1, H220 Press. Gas (liquefied gas), H280	1

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7 Registration number: 01-2119474691-32	butane	<1	Flam. Gas 1, H220 Press. Gas (liquefied gas), H280	1, 2

Notes

1 Note U (Table 3): When put on the market gases have to be classified as "Gases under pressure", in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:

Press. Gas (Comp.)
Press. Gas (Liq.)
Press. Gas (Ref. Liq.)
Press. Gas (Diss.)

Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

2 A substance for which exposure limits are set.

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

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

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.

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. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

If swallowed

DO NOT INDUCE VOMITING! Rinse out the mouth with clean water. Provide medical treatment.

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

If inhaled

May cause drowsiness or dizziness.

If on skin

Repeated exposure may cause skin dryness or cracking.

If in eyes

Causes serious eye irritation.

If swallowed

Irritation, nausea.

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. Closed containers with the product near the fire should be cooled with water. 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

Provide sufficient ventilation. Pressurised container: May burst if heated. Extremely flammable aerosol. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale aerosols. Prevent contact with skin and eyes.

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 flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Do not inhale aerosols. Prevent contact with skin and eyes. No smoking. Protect against direct sunlight. Do not pierce or burn, even after use. Wash hands and exposed parts of the body thoroughly after handling. Do not spray on an open flame or other ignition source. Use only outdoors or in a well-ventilated area. 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. Store locked up. Protect from sunlight. Keep container tightly closed. Do not expose to temperatures exceeding 50 °C.

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.

United Kingdom **EH40/2005 Workplace exposure limits (Fourth Edition 2020)**

Substance name (component)	Type	Value
ethyl acetate (CAS: 141-78-6)	WEL 8h	734 mg/m³
	WEL 8h	200 ppm
	WEL 15min	1468 mg/m³
	WEL 15min	400 ppm
acetone (CAS: 67-64-1)	WEL 8h	1210 mg/m³
	WEL 8h	500 ppm
	WEL 15min	3620 mg/m³
	WEL 15min	1500 ppm
butane (CAS: 106-97-8)	WEL 8h	1450 mg/m³
	WEL 8h	600 ppm

United Kingdom **EH40/2005 Workplace exposure limits (Fourth Edition 2020)**

Substance name (component)	Type	Value
butane (CAS: 106-97-8)	WEL 15min	1810 mg/m³
	WEL 15min	750 ppm

DNEL

acetone					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	186 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	1210 mg/m³	Chronic effects systemic		
Workers	Inhalation	2420 mg/m³	Acute effects local		
Consumers	Inhalation	200 mg/m³	Chronic effects systemic		
Consumers	Dermal	62 mg/kg bw/day	Chronic effects systemic		
Consumers	Oral	62 mg/kg bw/day	Chronic effects systemic		

ethyl acetate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	734 mg/m³	Chronic effects systemic		
Workers	Inhalation	1468 mg/m³	Acute effects systemic		
Workers	Inhalation	734 mg/m³	Chronic effects local		
Workers	Inhalation	1468 mg/m³	Acute effects local		
Workers	Dermal	63 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	367 mg/m³	Chronic effects systemic		
Consumers	Inhalation	734 mg/m³	Acute effects systemic		
Consumers	Inhalation	367 mg/m³	Chronic effects local		
Consumers	Inhalation	734 mg/m³	Acute effects local		
Consumers	Dermal	37 mg/kg bw/day	Chronic effects systemic		
Consumers	Oral	4.5 mg/kg bw/day	Chronic effects systemic		

PNEC

acetone			
Route of exposure	Value	Value determination	Source
Drinking water	10.6 mg/l		
Marine water	1.06 mg/l		
Freshwater sediment	30.4 mg/kg of dry substance of sediment		
Sea sediments	3.04 mg/kg of dry substance of sediment		

acetone			
Route of exposure	Value	Value determination	Source
Soil (agricultural)	29.5 mg/kg of dry substance of soil		
Microorganisms in sewage treatment	100 mg/l		
Water (intermittent release)	21 mg/l		

ethyl acetate			
Route of exposure	Value	Value determination	Source
Drinking water	0.24 mg/l		
Water (intermittent release)	1.65 mg/l		
Marine water	0.024 mg/l		
Microorganisms in sewage treatment	650 mg/l		
Freshwater sediment	1.15 mg/kg of dry substance of sediment		
Sea sediments	0.115 mg/kg of dry substance of sediment		
Soil (agricultural)	0.148 mg/kg of dry substance of soil		
Food chain	200 mg/kg of food		

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. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. 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.

Skin protection

Hand protection: Protective gloves resistant to the product. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Thermal hazard

Data 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	irritating
Melting point/freezing point	not applicable
Boiling point or initial boiling point and boiling range	not applicable
Flammability	inflammable
Lower and upper explosion limit	
bottom	1.1 %
upper	13 %
Flash point	not applicable

Auto-ignition temperature	not applicable
Decomposition temperature	not applicable
pH	6-7 (10% solution)
Kinematic viscosity	not applicable
Solubility in water	partially soluble
Partition coefficient n-octanol/water (log value)	does not apply to mixtures
Vapour pressure	not determined
acetone (CAS: 67-64-1)	240 hPa at 20 °C
acetone (CAS: 67-64-1)	828 hPa at 50 °C
Density and/or relative density	
Density	0.8 g/cm³ at 20 °C
Relative vapour density	>1
Particle characteristics	applies to solids

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is not reactive.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost. Pressurised container: May burst if heated.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

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

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

acetone						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD_{50}		5800 mg/kg bw		Rat (Rattus norvegicus)	
Inhalation	LC_{50}		76 mg/l of air	4 hours	Rat (Rattus norvegicus)	
Dermal	LD_{50}		7400 mg/kg bw		Rabbit	

ethyl acetate						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD_{50}	OECD 401	4934 mg/kg bw		Rabbit	F/M
Inhalation (vapor)	LC_{50}		>22.5 mg/l of air	6 hours	Rat (Rattus norvegicus)	F/M
Dermal	LD_{50}		>20000 mg/kg bw	24 hours	Rabbit	M

Skin corrosion/irritation
Based on the available data, the criteria for classification of the mixture are not met.

Serious eye damage/irritation
Causes serious eye irritation.

acetone				
Route of exposure	Result	Method	Exposure time	Species
Eye	Slightly irritating	OECD 405		Rabbit

ethyl acetate				
Route of exposure	Result	Method	Exposure time	Species
Eye	Slightly irritating	OECD 405		Rabbit

Respiratory or skin sensitisation
Based on the available data, the criteria for classification of the mixture are not met.

Germ cell mutagenicity
Based on the available data, the criteria for classification of the mixture are not met.

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

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

Toxicity for specific target organ - single exposure
May cause drowsiness or dizziness.

Toxicity for specific target organ - repeated exposure
Based on the available data, the criteria for classification of the mixture are not met.

Repeated dose toxicity

acetone							
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL	Systemic effects	OECD 408	900 mg/kg bw/day	13 weeks	Rat (Rattus norvegicus)	M
Inhalation (vapor)	NOAEC	Systemic effects		22.5 mg/l of air	8 weeks	Rat (Rattus norvegicus)	M

ethyl acetate							
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL	Systemic effects	EPA OTS 795.2600	900 mg/kg bw/day	92 days	Rat (Rattus norvegicus)	F/M
Inhalation	LOEC	Irritating	EPA OTS 798.2450	1.28 mg/l of air	94 days	Rat (Rattus norvegicus)	F/M

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

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

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

Acute toxicity

acetone					
Parameter	Method	Value	Exposure time	Species	Environment
LC_{50}		5540 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
LC_{50}		11000 mg/l	96 hours	Fish (Alburnus Alburnus)	
LC_{50}		8800 mg/l	48 hours	Aquatic invertebrates (Daphnia pulex)	
LC_{50}		2100 mg/l	24 hours	Aquatic invertebrates (Artemia salina)	
EC_{12}	OECD 209	1000 mg/l	30 minutes	Aquatic microorganisms	Activated sludge
LC_{50}	OECD 207	100-1000 µg/cm²	48 hours	Invertebrates (Eisenia fetida)	

ethyl acetate					
Parameter	Method	Value	Exposure time	Species	Environment
LC_{50}		230 mg/l	96 hours	Fish (Pimephales promelas)	
EC_{50}		165 mg/l	48 hours	Aquatic invertebrates (Daphnia cucullata)	
NOEC	OECD 201	>100 mg/l	72 hours	Algae (Desmodesmus subspicatus)	

Chronic toxicity

acetone				
Parameter	Value	Exposure time	Species	Environment
NOEC	530 mg/l	8 days	Algae (Microcystis aeruginosa)	

12.2. Persistence and degradability

Data for the mixture are not available.

Biodegradability

acetone				
Parameter	Value	Exposure time	Environment	Result
	90 %	28 days		Easily biodegradable

ethyl acetate				
Parameter	Value	Exposure time	Environment	Result
				Easily biodegradable

12.3. Bioaccumulative potential

Data for the mixture are not available.

acetone					
Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
BCF	3				
Log Pow	-0.24				20°C

ethyl acetate					
Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
Log Pow	0.68				25°C

12.4. Mobility in soil

The product is soluble and mobile in water and soil.

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

Data not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Danger of environmental contamination, follow the applicable waste disposal regulations. Store unused product and contaminated packaging in closed containers for waste collection and hand over for disposal to a specialized company authorized to conduct such activity. Do not pour unused product into drains. It must not be disposed of together with municipal waste. Empty packaging can be used for energy in a waste incineration plant or collected in a landfill with an appropriate classification. Perfectly cleaned packaging can be recycled. The classification of waste may change depending on where it is generated.

Waste management legislation

Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (S.I. No. 871 of 2007). 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 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

2 Gases

14.4. Packing group

not relevant

14.5. Environmental hazards

No.

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.	
UN number	1950
Classification code	5F
Safety signs	2.1

Road transport - ADR

Special provisions	190, 327, 344, 625
Limited quantities	1 L
Excepted quantities	E0
Packaging	
Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	2
Tunnel restriction code	(D)
Special provision for	
packages	V14
loading, unloading and handling	CV9, CV12
operation	S2

Railway transport - RID

Special provisions	190, 327, 344, 625
Excepted quantities	E0
Packaging	
Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	0
Special provision for	
packages	W14
loading, unloading and handling	CW9, CW12

Air transport - ICAO/IATA

Packaging instructions for limited amount	Y203
Packaging instructions passenger	203
Cargo packaging instructions	203

Marine transport - IMDG

EmS (emergency plan)	F-D, S-U
MFAG	620

SECTION 15: Regulatory information

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

Clean Air Act 1993 as amended. The Aerosol Dispensers (Amendment) Regulations 2018. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Public health act 1961. Environmental Protection Act 1990 as amended. 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. Product contains reportable explosives precursors: Reporting of suspicious transactions, disappearances and thefts according to Regulation (EU) 2019/1148, Article 9. 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).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out (mixture).

SECTION 16: Other information

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

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Guidelines for safe handling used in the safety data sheet

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C.
P501	Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste.

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

EUH066	Repeated exposure may cause skin dryness or cracking.

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
EC	Identification code for each substance listed in EINECS
EC_{12}	Concentration of a substance when it is affected 12% of the population
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
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
log Kow	Octanol-water partition coefficient
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
Press. Gas (Comp.)	Gas under pressure: compressed gas
Press. Gas (Diss.)	Gas under pressure: dissolved gas
Press. Gas (Liq.)	Gas under pressure: liquefied gas
Press. Gas (Ref. Liq.)	Gas under pressure: refrigerated liquefied gas
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

Aerosol	Aerosol
Eye Irrit.	Eye irritation
Flam. Gas	Flammable gas
Flam. Liq.	Flammable liquid
Press. Gas	Gases under pressure
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. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

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.