SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878, as amended

CLEANSER 20

Creation date	27.07.2015	Version number	6.0
Revision date	13.03.2026		

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

1.1. Product identifier CLEANSER 20

Substance / mixture: mixture

UFI: RR10-20Q0-A00D-2K91

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

Intended uses of the mixture

Professional cleaning and washing agent.

Main intended use

PC-TEC-21 Solvents and extraction agents

Uses of the mixture advised against

Do not use the product for purposes other than those specified in Section 1.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Name or trade name	KONKRET S.C.
Address	ul. Piastowska 8, Brzesko, 32-800 Poland
Telephone	+48 14 663 51 43
E-mail	biuro@okucia.pl

Person responsible for the safety data sheet

Name	KONKRET S.C.
E-mail	biuro@okucia.pl

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 according to Regulation (EC) No 1272/2008

The mixture is classified as hazardous.

Flam. Liq. 2, H225
Asp. Tox. 1, H304
Eye Irrit. 2, H319
STOT SE 3, H336
Aquatic Chronic 2, H411

Most significant adverse physicochemical effects

Highly flammable liquid and vapour.

Most significant adverse effects on human health and the environment

May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictograms



Signal word

Danger

Hazardous substances

hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
propan-2-ol

Hazard statements

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.

H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic 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.
P301+P310	IF SWALLOWED: Immediately call a doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331	Do NOT induce vomiting.
P403+P235	Store in a well-ventilated place. Keep cool.

Requirements for child-resistant fastenings and tactile warnings

Packaging must be fitted with a tactile warning of danger for blind persons.
Packaging must be fitted with a child-resistant fastening.

2.3. Other hazards

The mixture does not contain substances with endocrine-disrupting properties according to the criteria in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. The mixture does not contain substances meeting the PBT or vPvB criteria in Annex XIII to Regulation (EC) No 1907/2006 (REACH), as amended. Contains no PMT/vPvM constituents.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterisation

Mixture of the substances and additives listed below.

The mixture contains the following hazardous substances and substances with established occupational exposure limits

Identification numbers	Substance name	Content, % by weight	Classification according to Regulation (EC) No 1272/2008	Note
EC: 920-750-0 Registration number: 01-2119473851-33- XXXX	hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	60-70	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411 EUH066	1, 2
Index: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 Registration number: 01-2119457558-25- XXXX	propan-2-ol	25-35	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	1

Notes

1 Substance with established exposure limits.

2 Substances of unknown or variable composition, complex reaction products or biological materials - UVCB.

The full text of all classifications and standard hazard statements is given in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Do not perform artificial respiration without personal protective equipment (e.g. a mask). Ensure your own safety. If health problems occur or in case of doubt, inform a doctor and provide the information in this safety data sheet. If unconscious, place the casualty in the recovery position on their side, with the head tilted slightly back, and ensure the airway is clear. Never induce vomiting. If the casualty vomits spontaneously, ensure that they do not choke on vomit. In life-threatening situations, first resuscitate the casualty and obtain medical assistance. If breathing has stopped, immediately provide artificial respiration. In cardiac arrest, immediately perform chest compressions.

If inhaled

Stop exposure immediately and move the casualty to fresh air. Ensure your own safety; do not allow the exposed person to walk! Beware of contaminated clothing. Depending on the situation, call an ambulance and obtain medical attention, as further observation for at least 24 hours is often necessary.

In case of skin contact

Remove contaminated clothing. Wash the affected area with plenty of preferably lukewarm water. If the skin is not damaged, soap, soapy water or shampoo may be used. Obtain medical attention if skin irritation persists. Rinse skin with water or shower.

In case of eye contact

Immediately flush eyes with running water, holding the eyelids apart (even forcibly if necessary); if the casualty wears contact lenses, remove them immediately. Rinse for at least 10 minuteses. Obtain medical attention and specialist care if possible.

If swallowed

If the casualty vomits, prevent choking on vomit (aspiration of even small amounts of these liquids into the airways may damage the lungs). Obtain medical attention because further observation for at least 24 hours is necessary. Take the original labelled packaging or the safety data sheet for the substance with you.

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

If inhaled

Cough, headache. May cause drowsiness or dizziness.

In case of skin contact

None expected.

In case of eye contact

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, dry powder, water spray, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

Fire may produce carbon monoxide, carbon dioxide and other toxic gases. Inhalation of hazardous combustion (pyrolysis) products may cause serious harm to health.

5.3. Advice for firefighters

Use self-contained breathing apparatus with chemical protective clothing where personal (close) contact is likely. Use self-contained breathing apparatus and a full-body protective suit. Cool closed containers of product near the fire with water. Prevent contaminated extinguishing media from entering drains, surface water or groundwater.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Highly flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in Sections 7 and 8. Do not breathe mist/vapours/spray. Avoid contact with eyes and skin.

6.2. Environmental precautions

Prevent contamination of soil and entry into surface water or groundwater. Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Cover the spilled product with a suitable non-combustible absorbent (sand, silica, soil or other suitable absorbent material, etc.), collect in tightly closed containers and dispose of according to Section 13. In the event of a large spill, inform the fire brigade and other competent authorities. After removing the product, wash the contaminated area with plenty of water. Do not use solvents.

6.4. Reference to other sections

See Sections 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent the formation of gases and vapours at flammable or explosive concentrations and at concentrations exceeding occupational exposure limits. Use the product only in areas where contact with open flames and other ignition sources is prevented. Use non-sparking tools. Antistatic footwear and clothing are recommended. Do not breathe mist/vapours/spray. Avoid contact with eyes and skin. Do not smoke. Wash hands and affected parts of the body thoroughly after handling. Use only outdoors or in a well-ventilated area. Use personal protective equipment for work as specified in Section 8. Comply with applicable health and safety legislation. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take action to prevent static discharges. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed packaging in designated cool, dry and well-ventilated areas. Do not expose to sunlight. Store locked up. Keep container tightly closed. Keep cool.

Specific requirements or rules for the substance/mixture

Solvent vapours are heavier than air and accumulate mainly near the floor, where they may form explosive mixtures with air.

7.3. Specific end use(s)

No data on specific uses other than those listed in subsection 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances with established occupational exposure limits.

Poland **Dz.U. 2024 poz. 1017**

Substance name (constituents)	Type	Value
extraction naphtha	NDS	500 mg/m³
	NDSCh	1500 mg/m³
varnish naphtha	NDS	300 mg/m³
	NDSCh	900 mg/m³

Poland **Dz.U. 2024 poz. 1017**

Substance name (constituents)	Type	Value
cyclohexane	NDS	300 mg/m³
	NDSCh	1000 mg/m³
n-hexane	NDS	72 mg/m³

Poland **Dz.U. 2024 poz. 1017**

Substance name (constituents)	Type	Value
toluene	NDS	100 mg/m³
	NDSCh	200 mg/m³
benzene	NDS	0,66 mg/m³
	NDS	0,2 ppm
propan−2−ol (CAS: 67−63−0)	NDS	900 mg/m³
	NDSCh	1200 mg/m³

Notes
The 'skin' notation indicates that absorption through the skin may be as significant as exposure by inhalation.

DNEL

propan-2-ol			
Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	500 mg/m³	Long-term systemic effects
Workers	Dermal	888 mg/kg bw/day	Long-term systemic effects
Consumers	Inhalation	89 mg/kg	Long-term systemic effects
Consumers	Oral	26 mg/kg bw/day	Long-term systemic effects
Consumers	Dermal	319 mg/kg bw/day	Long-term systemic effects

hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			
Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	2035 mg/m³	Long-term systemic effects
Workers	Dermal	773 mg/kg bw/day	Long-term systemic effects
Consumers	Inhalation	608 mg/m³	Long-term systemic effects
Consumers	Oral	699 mg/kg bw/day	Long-term systemic effects
Consumers	Dermal	699 mg/kg bw/day	Long-term systemic effects

PNEC

propan-2-ol	
Route of exposure	Value
Drinking water	140,9 mg/l
Marine water	140,9 mg/l
Water (intermittent release)	140,9 mg/l
Microorganisms in sewage treatment	2251 mg/l
Freshwater sediment	552 mg/kg soil dry weight
Marine sediment	552 mg/kg soil dry weight
Soil (agricultural)	28 mg/kg soil dry weight

8.2. Exposure controls

Observe usual occupational health precautions, particularly adequate ventilation. This can be achieved by local exhaust ventilation or effective general ventilation. If the occupational exposure limit (NDS-P) cannot be met in this way, use suitable respiratory protection. Do not eat, drink or smoke while working. Wash hands thoroughly with soap and water after work and before meal and rest breaks.

Eye/face protection



Safety goggles.

Skin protection



Hand protection: protective gloves resistant to the product. Select suitable thickness, material and permeability in accordance with the glove manufacturer's recommendations. Other protection: antistatic protective clothing made of natural fibres (cotton) or heat-resistant synthetic fibres. Antistatic footwear. Wash skin thoroughly if contaminated.

Glove material	Thickness	Breakthrough time	Class
Butyl rubber (IIR)	≥ 0,3 mm	>480 min	6

Respiratory protection



Mask with an organic vapour filter in inadequately ventilated areas.

Thermal hazards

No data available.

Environmental exposure controls

Observe usual environmental protection precautions; see subsection 6.2. Collect spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	alcohol-like
Melting point/freezing point	<-20 °C
propan-2-ol (CAS: 67-63-0)	-89 °C
Boiling point or initial boiling point and boiling range	80-105 °C
Flammability	no data available
Lower and upper explosion limit	no data available
propan-2-ol (CAS: 67-63-0)	2 %
	13 %
Flash point	<-5 °C
propan-2-ol (CAS: 67-63-0)	12 °C
Auto-ignition temperature	>360 °C
Decomposition temperature	no data available

pH	insoluble (in water)
Kinematic viscosity	no data available
propan-2-ol (CAS: 67-63-0)	3,1 mm²/s at 20 °C
Solubility in water	no data available
Partition coefficient n-octanol/water (log value)	no data available
propan-2-ol (CAS: 67-63-0)	0,05
Vapour pressure	no data available
propan-2-ol (CAS: 67-63-0)	43 hPa at 20 °C
Density and/or relative density	no data available
propan-2-ol (CAS: 67-63-0)	0,8 g/cm³ at 20 °C
Relative vapour density	no data available
Particle characteristics	no data available

9.2. Other information

no data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

The product is stable and does not decompose under normal conditions of use. Protect from flames, sparks, overheating and frost.

10.5. Incompatible materials

Keep away from strong acids, bases and oxidising agents.

10.6. Hazardous decomposition products

None under normal conditions of use. At high temperatures and during a fire, hazardous products such as carbon monoxide and carbon dioxide are formed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Hazardous substances at concentrations exceeding exposure limits may cause acute poisoning by inhalation, depending on concentration and exposure duration. No toxicological data are available for the mixture.

Acute toxicity

No data are available for the mixture. Based on available data, the classification criteria for the mixture are not met.

propan-2-ol						
Route of exposure	Endpoint	Method	Value	Exposure duration	Species	Sex
Inhalation (vapour)	LC_{50}		>20 mg/l		Rat (Rattus norvegicus)	
Dermal	LD_{50}		13400 mg/kg		Rabbit	
Oral LD_{50}			5840 mg/kg		Rat (Rattus norvegicus)	

hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics						
Route of exposure	Endpoint	Method	Value	Exposure duration	Species	Sex
Oral LD_{50}			>5840 mg/kg		Rat	

hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics						
Route of exposure	Endpoint	Method	Value	Exposure duration	Species	Sex
Dermal	LD_{50}		2800-3100 mg/kg		Rat	
Inhalation	LC_{50}	OECD 403	>23,3 mg/l		Rat	

Skin corrosion/irritation

No data are available for the mixture or its constituents. Based on available data, the classification criteria for the mixture are not met.

Serious eye damage/eye irritation

Causes serious eye irritation.

propan-2-ol				
Route of exposure	Result	Method	Exposure duration	Species
Eyes	Serious eye damage	OECD 405		Rabbit

Respiratory or skin sensitisation

No data are available for the mixture. Based on available data, the classification criteria for the mixture are not met.

propan-2-ol				
Route of exposure	Result	Exposure duration	Species	Sex
	Not sensitising		Guinea pig	F/M

Germ cell mutagenicity

No data are available for the mixture. Based on available data, the classification criteria for the mixture are not met.

propan-2-ol				
Result	Exposure duration	Specific target organ	Species	Sex
Negative without metabolic activation; negative with metabolic activation		Ovary	Guinea pig	F/M

Carcinogenicity

No data are available for the mixture or its constituents. Based on available data, the classification criteria for the mixture are not met.

Reproductive toxicity

No data are available for the mixture or its constituents. Based on available data, the classification criteria for the mixture are not met.

STOT - single exposure

May cause drowsiness or dizziness. No data are available for the constituents of the mixture.

STOT - repeated exposure

No data are available for the mixture. Based on available data, the classification criteria for the mixture are not met.

propan-2-ol							
Route of exposure	Endpoint	Method	Value	Exposure duration	Result	Species	Sex
Inhalation (vapour)	NOEC		500 ppm			Rat (Rattus norvegicus)	F/M

hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics							
Route of exposure	Endpoint	Method	Value	Exposure duration	Result	Species	Sex
Inhalation	NOAEC	OECD 413	24,3 mg/l	90 days		Rat	F/M

Aspiration hazard

May be fatal if swallowed and enters airways. No data are available for the constituents of the mixture.

11.2. Information on other hazards

Endocrine-disrupting properties

Based on available data, the classification criteria for the mixture are not met. Contains no constituents that may cause endocrine disruption in humans.

Other information

no data available

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Acute toxicity

propan-2-ol				
Endpoint	Value	Exposure duration	Species	Environment
LC_{50}	>10000 mg/l	24 hours	Aquatic invertebrates (Daphnia magna)	
LC_{50}	9640 mg/l	96 hours	Fish	

Chronic toxicity

propan-2-ol				
Endpoint	Value	Exposure duration	Species	Environment
LOEC	1000 mg/l	8 days	Algae and other aquatic plants	

hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics				
Endpoint	Value	Exposure duration	Species	Environment
LOEC	0,32 mg/l	21 days	Invertebrates (Daphnia magna)	
NOEC	0,17 mg/l	21 days	Invertebrates (Daphnia magna)	

12.2. Persistence and degradability

No data are available for the mixture or its constituents.

12.3. Bioaccumulative potential

No data are available for the mixture or its constituents.

12.4. Mobility in soil

Based on available data, the classification criteria for the mixture are not met. Contains no PMT/vPvM constituents.

12.5. Results of PBT and vPvB assessment

Based on available data, the classification criteria for the mixture are not met. Contains no PBT/vPvB constituents.

12.6. Endocrine-disrupting properties

Based on available data, the classification criteria for the mixture are not met. Contains no constituents that may cause endocrine disruption in the environment.

12.7. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Risk of environmental contamination. Comply with the Waste Act (Journal of Laws 2013, item 21) and implementing waste disposal regulations. Keep unused product and contaminated packaging in closed waste collection containers and hand over for disposal to an authorised waste contractor (a specialist company licensed for this activity). Do not discharge unused product into drains. Do not dispose of with municipal waste. Thoroughly cleaned packaging may be recycled.

Waste management legislation

Announcement of the Marshal of the Sejm of the Republic of Poland of 7 July 2023 publishing the consolidated text of the Waste Act (Journal of Laws 2023, item 1587), as amended. Act of 14 December 2012 on waste (Journal of Laws of 8 January 2013, item 21), as amended. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste. Act of 13 June 2013 on the management of packaging and packaging waste (consolidated text: Journal of Laws 2024, item 1911), as amended. Regulation of the Minister of Climate of 2 January 2020 on the waste catalogue (Journal of Laws 2020, item 10).

SECTION 14: Transport information

14.1. UN number or ID number

UN 1263

14.2. UN proper shipping name

PAINT

14.3. Transport hazard class(es)

3 Flammable liquids

14.4. Packing group

II

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Refer to Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

Supplemental information

Hazard identification number	**33**
UN number	**1263**
Classification code	F1
Labels	3+environmental hazard



Tunnel restriction code	(D/E)

Air transport - ICAO/IATA

Passenger packing instructions	355
Cargo packing instructions	366

Sea transport - IMDG

EmS (emergency schedule)	F-E, S-E
MFAG	310

SECTION 15: Regulatory information

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

Act of 19 August 2011 on the transport of dangerous goods (consolidated text: Journal of Laws 2024, item 643). Public Health Act (Journal of Laws 2024.0.1670, consolidated text - Act of 11 September 2015 on public health). Announcement of the Marshal of the Sejm of the Republic of Poland of 9 May 2025 publishing the consolidated text of the Environmental Protection Law (Journal of Laws 2025, item 647). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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 (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals. Act of 25 February 2011 on chemical substances and their mixtures (consolidated text: Journal of Laws 2022, item 1816). Act of 28 May 2020 amending the Act on chemical substances and their mixtures and certain other acts (Journal of Laws 2020, item 1337). Act of 23 January 2020 amending the Waste Act and certain other acts (Journal of Laws of 23 January 2020, item 150). Act of 13 July 2023 amending the Act on the management of packaging and packaging waste and certain other acts (Journal of Laws 2023, item 1852). Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on maximum permissible concentrations and intensities of agents harmful to health in the working environment (Journal of Laws 2018, item 1286), 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).

15.2. Chemical safety assessment

A chemical safety assessment has been carried out for the substances in the mixture.

SECTION 16: Other information

List of hazard statements used in this safety data sheet

EUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

List of precautionary statements used in this safety data sheet

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P301+P310	IF SWALLOWED: Immediately call a doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331	Do NOT induce vomiting.
P403+P235	Store in a well-ventilated place. Keep cool.

Further information relevant to safety and protection of human health

The product must not be used for purposes other than those specified in Section 1 without the express consent of the manufacturer/importer. The user is responsible for compliance with all relevant health protection regulations.

Explanation of abbreviations and acronyms used in this safety data sheet

ADR	Agreement concerning the International Carriage of Dangerous Goods by Road
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency Response Procedures for Ships Carrying Dangerous Goods
EuPCS	European product categorisation system
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
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 expected to cause death in 50% of the population
LD_{50}	Lethal dose expected to cause death in 50% of the population
log Kow	Octanol-water partition coefficient
VOC	Volatile organic compounds
NDS	Maximum permissible concentration
NDSCh	Maximum permissible short-term concentration
NDSP	Maximum permissible ceiling concentration
NOAEC	No observed adverse effect concentration
NOEC	No observed effect concentration
UN number	Four-digit identification number for a substance or article from the UN Model Regulations
OEL	Occupational exposure limit
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STOT SE	STOT - single exposure
EU	European Union
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile
WE	Identification code for each substance listed in EINECS

Training advice

Familiarise workers with the recommended use, mandatory protective measures, first aid and prohibited handling practices for the product.

Recommended restrictions on use

no data available

Sources of data 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 substance/mixture manufacturer - data from the registration dossier.

Changes made (information added, deleted or modified)

Data in subsection 8.2 (exposure controls) and subsection 15.1 (updated legislation) have been updated. Replaces version 5.0, revised on 27.10.2022.

Other data

Classification procedure - calculation method.

V2633C29315

Disclaimer

This safety data sheet contains information intended to ensure occupational health and safety and environmental protection. The information reflects the current state of knowledge and experience and complies with applicable legislation. It must not be regarded as a guarantee of the suitability or performance of the product for a particular application.