

SAFETY DATA SHEET ACCORDING TO REGULATION (EC) 1907/2006

Product name: Silicone remover (container) (018)

Created on: October 11, 2021, **Revised on:** July 17, 2023, **version:** 2.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY

1.1 Product identifier

Product name

Silicone remover (container) (018)

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

Relevant identified uses

Cleanser.

Uses advised against

nb

1.3 Details of the supplier providing the safety data sheet

supplier

Nedform BV

Hofdwarweg 20, 6161 DD Geleen, The Netherlands

Tel +31 (0)464106260

Email info@nedform.com

1.4 Emergency number

Emergency number

+ 49 (0) 89 19240

supplier

+31 (0)46 410 6260

SECTION 2: POTENTIAL HAZARDS

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

Flam. Liq. 2; H225 Highly flammable liquid and vapor.

Asp. Tox. 1; H304 May be fatal if swallowed and enters airways. Skin irritation. 2; H315

Causes skin irritation.

STOT SE 3; H336 May cause drowsiness and dizziness. Aquatic Chronic 2; H411

Toxic to aquatic life with long lasting effects.

2.2 Labeling elements

Labeling of substances in accordance with Regulation (EC) No. 1272/2008



Signal word Danger

H225 Highly flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation.

H336 May cause drowsiness and dizziness. H411 Toxic to aquatic life with long lasting effects. P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other types of ignition sources. Do not smoke.

Avoid the release of P273 into the environment.

P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER/doctor. DO NOT induce vomiting.

P302 + P352 + P362 + P364 IF ON SKIN: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse.

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, call a POISON CENTER/doctor.

P501 Dispose of contents/container in accordance with national regulations.

Contains:

Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes

2.3 Other dangers

PBT/vPvB

nb

Endocrine disrupting properties

nb

Additional information

nb

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

For mixtures see 3.2.

3.2 Mixtures

Surname	CAS EC Index Reach	%	Classification according to Regulation (EC) No. 1272/2008	Specific Concentration limits	Notes on ingredients
hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	64742-49-0 927-510-4 - 01-2119475515-33	50-100	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411	/	/
Propan-2-ol	67-63-0 200-661-7 603-117-00-0 01-2119457558-25	2.5-10	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	/	/

n-hexane	110-54-3 203-777-6 601-037-00-0	<2.5	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Rep. 2; H361f STOT RE 2; H373 Aquatic Chronic 2; H411	STOT RE 2; H373; C ≥ 5%	/
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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

general remarks

In the event of an accident or if you feel unwell, seek medical help immediately. If necessary, show the label. Never give anything by mouth to an unconscious person. If the victim is unconscious, place them in a stable position on their side and ensure that the airways are patent. No measures should be taken that involve personal risk or that have not been adequately trained.

After inhalation

Take the casualty into fresh air - leave the contaminated area. Rest the victim in a position that makes breathing easier. Provide artificial respiration if breathing is irregular or has stopped breathing. If symptoms occur, please seek medical advice.

after skin contact

Remove clothing and shoes contaminated with product. Wash affected body parts immediately with plenty of water and soap! If symptoms persist, seek medical advice.

After eye contact

Immediately rinse open eyes, including under the eyelids, with plenty of running water. If irritation persists, consult a medical service/doctor!

After swallowing

Do not induce vomiting. Never give anything orally to an unconscious person. Seek medical services/doctor immediately. Show safety data sheet or label to doctor.

4.2 Most important acute and delayed symptoms and effects

After inhalation

Vapours may cause drowsiness and dizziness. Excessive exposure to aerosols and vapors can cause respiratory irritation. Coughing, sneezing, nasal discharge, shortness of breath.

after skin contact

Irritates the skin. Itching, redness, pain.

After eye contact

Contact with eyes may cause irritation (redness, tearing and irritation).

After swallowing

Swallowing or entering the respiratory tract can result in death. May cause nausea/vomiting and diarrhea.

4.3 Information about immediate medical attention or special

treatment Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents

Carbon dioxide (CO₂).

extinguishing powder.

Foam.

Water spray jet. Select extinguishing agent based on the circumstances and other factors.

Unsuitable extinguishing agents

Full water jet.

5.2 Special hazards arising from the substance or mixture

Dangerous combustion products

In the event of fire, the formation of toxic gases is possible; Prevent inhalation of gases/smoke. Combustion produces: carbon monoxide (CO), carbon dioxide (CO₂), hydrocarbons;

Aldehydes. Soot;

5.3 Advice for firefighting

Protective measures

Do not inhale gases or smoke resulting from heating or fire. Cool non-burning containers with water and remove them from the fire area if possible. Do not intervene if you endanger your health and if you are not sufficiently trained.

Special protective equipment for firefighting

Protective clothing for the fire brigade (DIN EN 469:2005+A1:2006+AC:2006); Firefighter helmets for firefighting (DIN EN 443:2008); Shoes for the fire brigade (DIN EN 15090:2012); Firefighter protective gloves (DIN EN 659:2003+A1:2008); Respiratory protective devices (DIN EN 137:2006).

Other Information

Contaminated firefighting water must be collected and disposed of in accordance with local regulatory requirements; must not enter drains.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Non-emergency personnel Personal protective equipment

Wear personal protective equipment (see section 8). Wear personal protective equipment (see section 8).

Precautions

Ensure appropriate ventilation. Keep away any sources of ignition or heat; do not smoke!

Emergency measures

Access to unauthorized persons is prohibited. Deny access to unprotected people. Avoid contact with skin and eyes. Do not inhale vapors/aerosol.

emergency services

Use personal protective equipment when operating (see section 8).

6.2 Environmental protection measures

Do not discharge into sewers/waterways/drains or into permeable soil. If water or soil becomes contaminated, notify local authorities.

6.3 Methods and materials for containment and cleaning up

Restraint

Stow back spilled water if this does not pose a risk.

cleaning

Absorb the preparation (through inert materials), collect in special containers and dispose of in accordance with applicable regulations. Do not absorb spilled product with sawdust or other flammable/combustible material. Dispose of in accordance with applicable regulations (see section 13). Clean contaminated area.

OTHER INFORMATION

For safe handling information see section 7.

6.4 Reference to other sections See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE**7.1 Protective measures for safe handling**

Protective measures

Measures to prevent fires

Ensure good ventilation. Prevent static electricity. Keep away from sources of ignition - No smoking. Use non-sparking tools.

Measures to prevent aerosol and dust formation

Where there is a risk of inhalation of vapours/aerosol, ensure local exhaust ventilation.

Measures to protect the environment

Avoid release to the environment.

Other measures

nb

Information on general hygiene in the workplace

Wear personal protective equipment (see section 8). Follow label instructions and occupational safety and health regulations. Ensure personal hygiene (wash hands before breaks and at the end of work). Do not eat, drink or smoke at work. Avoid contact with skin, eyes and clothing. Do not inhale vapors/aerosol. Follow the measures prescribed in Section 8 of this safety data sheet. Wear personal protective equipment (see section 8).

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Store in accordance with local regulations. Store in well-closed containers. Store in a cool and well-ventilated place; Keep away from open flames, heat and direct sunlight. Store away from sources of ignition. Keep away from oxidizing agents. Keep away from food, drinks and feed.

Packaging materials

Original packaging.

Requirements for storage space and containers

Do not store in unlabeled containers. After use, close open containers tightly and place them upright to prevent leakage.

Instructions for equipping the camp

Storage class:3

Further information on storage conditions

nb

7.3 Specific end uses

recommendations

nb

Solutions specific to the industrial sector

nb

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Parameters to be monitored

Limiting and monitoring exposure in the workplace

Substance identity			Occupational limit value		Top limit		
Designation	CAS no.	EC no.	ml/m3 (ppm)	mg/m3	exceeding tation factor	Remarks	Biological Limits (BGW)
n-hexane	110-54-3	/	50	180	8(II)	DFG, EU, Y	2,5-hexanedione plus 4,5-Dihydroxy-2-hexanone (after hydrolysis) - 5 mg/l - U - b
Hydrocarbon mixtures; C6-C8 aliphatics	/	/	/	700	2(II)	AGS	/
Propan-2-ol	67-63-0	/	200	500	2(II)	DFG, Y	Acetone - 25 mg/l - B - b Acetone - 25 mg/l - U - b

Information about monitoring procedures

DIN EN 482:2021 Exposure at work - Methods for determining the concentration of chemical agents - Basic performance requirements; German version EN 482:2021 DIN EN 689:2020 Exposure at work - Measurement of exposure through inhalation of chemical agents - Strategy for checking compliance with occupational limit values; German version EN 689:2018+AC:2019

DNEL/DMEL values

For the product

nb

For ingredients

Surname	Type	Route of exposure	Exposure frequency	annotation	Value
hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	workers	inhalative	Long-term systemic Effects	/	2085 mg/m ³
hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	workers	dermal	Long-term systemic Effects	/	300mg/kg Body weight/day
hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	consumer	inhalative	Long-term systemic Effects	/	447 mg/m ³
hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	consumer	dermal	Long-term systemic Effects	/	149 mg/kg Body weight/day
hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	consumer	orally	Long-term systemic Effects	/	149 mg/kg Body weight/day
Propan-2-ol	workers	inhalative	Long-term systemic Effects	/	500 mg/m ³
Propan-2-ol	workers	dermal	Long-term systemic Effects	/	888 mg/kg Body weight/day
Propan-2-ol	consumer	inhalative	Long-term systemic Effects	/	89 mg/m ³
Propan-2-ol	consumer	dermal	Long-term systemic Effects	/	319 mg/kg Body weight/day
Propan-2-ol	consumer	orally	Long-term systemic Effects	/	26 mg/kg Body weight/day

PNEC values

For the product

nb

For ingredients

Surname	Route of exposure	annotation	Value
Propan-2-ol	Freshwater	/	140.9 mg/L
Propan-2-ol	Water (intermittent release)	/	140.9 mg/L
Propan-2-ol	Sea water	/	140.9 mg/L

Propan-2-ol	Microorganisms in sewage treatment plants	/	2251 mg/L
Propan-2-ol	Freshwater sediments	Dry weight	552 mg/kg
Propan-2-ol	Marine sediments	Dry weight	552 mg/kg
Propan-2-ol	Floor	Dry weight	28 mg/kg
Propan-2-ol	food chain	orally	160 mg/kg food

8.2 Exposure controls and monitoring

Appropriate technical control devices

Substance/mixture-related measures to prevent exposure for identified uses

Maintain personal hygiene: Wash hands before breaks and after finishing work. Observe good industrial hygiene and safety practices. Do not eat, drink or smoke while working. Avoid contact with skin, eyes and clothing. Do not inhale vapors/aerosol. Store separately from food, beverages and animal feed. The choice of personal protective equipment depends on the conditions of possible exposure, use, method of handling, concentration and ventilation.

Structural measures to prevent exposure

nb

Organizational measures to prevent exposure

If exposure limits are established for the components of the product, the workplace may need to be inspected to determine the effectiveness of ventilation and other control measures or to assess the need for respiratory protection.

Engineering measures to prevent exposure

Provide good ventilation and local exhaust ventilation in areas with higher concentrations.

Personal protective equipment

Eye/face protection

If there is a risk of splashing, use safety glasses with side protection (DIN EN 166:2002).

Hand protection

Protective gloves (DIN EN 374-1:2018).

Suitable materials

Body protection

Protective clothing (DIN EN 13688:2013-12) and safety shoes (DIN EN 20345:2022).

Respiratory protection

If ventilation is inadequate, wear breathing apparatus. If the limit concentrations are exceeded, suitable respiratory protection should be worn. Wear a suitable respiratory mask (DIN EN 136) with filter A2-P2 (DIN EN 14387).

Thermal hazards

nb

Limitation and monitoring of environmental exposure Substance/ mixture-related measures to prevent exposure

Observe local regulations regarding environmental protection. Avoid contact with soil, surface or ground water.

Instructional measures to prevent exposure

nb

Organizational measures to prevent exposure

nb

Engineering measures to prevent exposure

nb

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

state of aggregation

fluid

Color

colorless clear

Odor

characteristic

Important information about health and environmental protection and safety

Odor threshold	nb
Melting point/range	nb
Boiling point or start of boiling and boiling range	80 - 100 °C
Flammability	220°C
Lower and upper explosion limits	0.9 – 8 vol%
Flash point	> - 12°C
Auto-ignition temperature	nb
Decomposition temperature	nb
PH value	nb
viscosity	nb
solubility	Water: insoluble
distribution coefficient	nb
Vapor pressure	90 hPa at 20 °C
Density and/or relative density	Density: 0.708 g/cm ³
Relative vapor density	nb
Particle properties	nb

9.2 OTHER INFORMATION

Explosive properties	nb
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SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Stable under recommended transport and storage conditions.

10.2 Chemical stability

The product is stable under normal storage and handling.

10.3 Possibility of hazardous reactions

The product is stable under normal storage and handling.

10.4 Conditions to avoid

Protect from sources of ignition (flames, sparks). Protect from heat and do not expose to direct sunlight.

10.5 Incompatible materials

Oxidizer.

Strong acids. halogens; Halogenated compounds. Strong inorganic acids. Aldehydes.

10.6 Hazardous decomposition products

When used properly there are no dangerous decomposition products. Hazardous combustion products are listed in Section 5 of the Safety Data Sheet.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

(a) Acute toxicity

For ingredients

Surname	Route of exposure	Type	Row	Time	Value	method	annotation
Hydrocarbon ffe, C7, n-alkanes, Isoalkanes, Cycloalkanes	orally	LD50	rat	/	> 5840 mg/kg body weight	/	/
Hydrocarbon ffe, C7, n-alkanes, isoalkanes, Cycloalkanes	dermal	LD50	rat	24 hours	>29 20 mg/kg body weight	/	/
Hydrocarbon ffe, C7, n-alkanes, isoalkanes, Cycloalkanes	inhalative (Fumes)	LC ₅₀	rat	4 hours	> 23300 mg/m ³	OECD 403	/
Propan-2-ol	inhalative	LC ₅₀	rat	4 hours	> 20 mg/l	/	/
Propan-2-ol	dermal	LD50	Rabbits	/	> 2000 mg/kg	/	/
Propan-2-ol	orally	LD50	rat	/	> 2000 mg/kg	/	/

(b) Skin corrosion/irritation For ingredients

Surname	Row	Time	result	method	annotation
hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	/	/	Lovely	/	/
Propan-2-ol	/	/	Not lovely.	/	/

Additional information

Causes skin irritation.

(c) Serious eye damage/irritation For ingredients

Surname	Route of exposure	Row	Time	result	method	annotation
Hydrocarbons , C7, n-alkanes, isoalkanes, Cycloalkanes	/	/	/	Not rated.	/	/
Hydrocarbons , C7, n-alkanes, isoalkanes, Cycloalkanes	/	/	/	Product can be in Contact with eyes irritation cause.	/	/
Propan-2-ol	/	/	/	Moderately irritating.	/	/

(d) Respiratory/skin sensitization to ingredients

Surname	Route of exposure	Row	Time	result	method	annotation
Hydrocarbons , C7, n-alkanes, isoalkanes, Cycloalkanes	-	/	/	Not sensitizing.	/	/
Propan-2-ol	-	/	/	According to the ones so far known data that is caused chemical not sensitizing.	/	/

(e) Germ cell mutagenicity

For ingredients

Surname	Type	Row	Time	result	method	annotation
Hydrocarbons , C7, n-alkanes, isoalkanes, Cycloalkanes	Genotoxicity	/	/	Negative.	/	/
Propan-2-ol	/	/	/	The chemical is not as mutagenic classified.	/	/

(f) Carcinogenicity

For ingredients

Surname	Route of exposure	Type	Row	Time	Value	result	method	annotation
hydrocarbons substances, C7, n- alkanes, isoalkanes, Cycloalkanes	/	/	/	/	/	The material is not as carcinogenic classified.	/	/
Propan-2-ol	/	/	/	/	/	The material is not as carcinogenic classified.	/	/

(g) Reproductive toxicity For
ingredients

Surname	Type	Type	Row	Time	Value	result	method	annotation
hydrocarbons substances, C7, n- alkanes, isoalkanes, Cycloalkanes	reproduction t toxicity	-	rat	/	/	The results the Animal testing gave none Note on one fertility affect de effect.	/	/
hydrocarbons substances, C7, n- alkanes, isoalkanes, Cycloalkanes	development to xicity	/	rat	/	/	Showed none teratogenic Effects in Animal testing.	/	/
Propan-2-ol	/	/	/	/	/	The chemical is not as harmful to the Reproduction classified.	/	/
n-hexane	reproduction t toxicity	-	/	/	/	Can probably that one fertility affect .	/	/

Summary assessment of CMR properties

nb

(h) Specific target organ toxicity - single exposure For
ingredients

Surname	exposure away	Type	Row	Time	Suspended a	organ	Value	result	method	annotation
carbon water materials, C7, n- alkanes, isoalkanes, Cycloalkanes	inhalative	-	/	/	/	/	/	Can impact en on that central nervous system m have.	/	Height Vapor conc entrations
carbon water materials, C7, n- alkanes, isoalkanes, Cycloalkanes	inhalative	-	/	/	/	/	/	Symptoms: Nausea, Unconscious ity.	/	Height Vapor conc entrations

carbon water materials, C7, n-alkanes, isoalkanes, Cycloalkanes	inhalative	-	/	/	/	/	/	Symptoms: mucous membrane irritation.	/	Height Vapor concentrations
carbon water materials, C7, n-alkanes, isoalkanes, Cycloalkanes	inhalative	-	/	/	/	/	/	Can irritation of the respiratory tract cause	/	Height Vapor concentrations
carbon water materials, C7, n-alkanes, isoalkanes, Cycloalkanes	orally	-	/	/	/	/	/	Can irritation of the Digestive tract cause	/	/
carbon water materials, C7, n-alkanes, isoalkanes, Cycloalkanes	-	-	/	/	/	/	/	Can drowsiness and Dazed since cause	/	/

Additional information

May cause drowsiness and dizziness.

(i) Specific target organ toxicity after repeated exposure

nb

(j) Aspiration hazard

For ingredients

Surname	result	method	annotation
Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	Inhalation into the lungs can cause lung damage.	/	Medical observation is required for 48 hours.
Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes	May be fatal if swallowed and enters airways.	/	/

Additional information

May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological properties

nb

Interactions

nb

11.2 Information about other hazards

Endocrine disrupting properties

nb

Other Information

nb

SECTION 12: ENVIRONMENTAL INFORMATION

12.1 Toxicity

acute toxicity

For ingredients

Surname	Type	Value	Exposure duration series		organism	method	annotation
Hydrocarbon ffe, C7, n-alkanes, isoalkanes, Cycloalkanes	ErL ₅₀	10 - 30 mg/L	72 hours	Algae	<i>Pseudokirchneriel la subcapitata</i>	OECD 201	/
Hydrocarbon ffe, C7, n-alkanes, isoalkanes, Cycloalkanes	EbL ₅₀	10 - 30 mg/L	72 hours	Algae	<i>Pseudokirchneriel la subcapitata</i>	OECD 201	/
Hydrocarbon ffe, C7, n-alkanes, isoalkanes, Cycloalkanes	EL ₅₀	3 mg/L	48 hours	Crustaceans	<i>Daphnia magna</i>	OECD 202	/
Hydrocarbon ffe, C7, n-alkanes, isoalkanes, Cycloalkanes	LL ₅₀	> 13.4 mg/L	96 hours	fish	<i>Oncorhynchus mykiss</i>	OECD 203	/
Hydrocarbon ffe, C7, n-alkanes, isoalkanes, Cycloalkanes	NOELR	6.3 mg/L	72 hours	<i>Pseudokirchneriel la subcapitata</i>	/	OECD 201	/
Propan-2-ol	LC/EC/IC ₅₀	100 - 1000 mg/L	/	fish	/	/	/
Propan-2-ol	LC/EC/IC ₅₀	> 1000 mg/L	/	Invertebrates	/	/	/
Propan-2-ol	LC/EC/IC ₅₀	> 1000 mg/L	/	Algae	/	/	/
Propan-2-ol	LC/EC/IC ₅₀	> 1000 mg/L	/	bacteria	/	/	/

Chronic toxicity For ingredients

Surname	Type	Value	Duration of exposure	Row	organism	method	annotation
Hydrocarbon ffe, C7, n-alkanes, isoalkanes, Cycloalkanes	NOELR	1 mg/L	21 day	Crustaceans	<i>Daphnia magna</i>	OECD 211	/
Hydrocarbon ffe, C7, n-alkanes, isoalkanes, Cycloalkanes	NOELR	1.53 mg/L	28 day	fish	<i>Oncorhynchus mykiss</i>	/	QSAR Petrotox

12.2 Persistence and Degradability

Abiotic degradability, physical and photochemical removal

nb

Biodegradation

For ingredients

Surname	Type	Degradation rate	Time	Evaluation	method	annotation
Hydrocarbons , C7, n-alkanes, isoalkanes, Cycloalkanes	Biological Degradability	98%	28 days	slightly organic degradable	OECD 301F	/
Propan-2-ol	Biological Degradability	84%	28 days	/	/	closed vessel

12.3 Bioaccumulative potential

distribution coefficient

For ingredients

Surname	medium	Value	Temperature °C	PH value	concentration	method
Propan-2-ol	Octanol water	0.05	/	/	/	/

Bioconcentration factor (BCF)

nb

12.4 Mobility in the ground

Known or predicted distribution in environmental compartments

nb

Surface tension

nb

Adsorption/desorption

nb

12.5 Results of the PBT and vPvB assessment The rating has not been created.

12.6 Endocrine-disrupting properties

nb

12.7 Other Adverse Effects

nb

12.8 Additional Notes

For the product

Toxic to aquatic life with long lasting effects. Water hazard class 3 (self-classification): highly hazardous to water. Avoid release into the environment.

For ingredients

Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The substance is not classified as PBT or vPvB.

Propan-2-ol

Low bioaccumulation potential. Soluble in water. Evaporates within 24 hours or dissolves in water. Larger amounts of the substance can penetrate the earth and contaminate groundwater.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product/packaging disposal product

Avoid release into the environment. The preparation and packaging must be disposed of safely. Disposal in accordance with the waste regulations. Disposal in accordance with regulations: Hand over waste to an authorized special waste collector/take it to problem waste disposal.

Waste codes/waste designations according to LoW

nb

Contaminated packaging

Empty containers or bags may contain residues of the preparation. Uncleaned packaging is considered hazardous waste - it must be treated like the product. Disposal in accordance with the Waste Packaging Ordinance. Dispose of completely emptied packaging in accordance with regulations.

Waste codes/waste designations according to LoW

nb

Information relevant to waste treatment

nb





Information relevant to the disposal of wastewater

nb

Other disposal recommendations

Wherever possible, the creation of waste must be avoided or kept as low as possible.

SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
14.1 UN number or ID number			
UN 1993	UN 1993	UN 1993	UN 1993
14.2 UN proper shipping name			
FLAMMABLE LIQUID, NOS (vapor pressure at 50 °C greater than 110 kPa) (hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes, propan-2-ol)	FLAMMABLE LIQUID, NOS (hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, propan-2-ol)	FLAMMABLE LIQUID, NOS (hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, propan-2-ol)	FLAMMABLE LIQUID, NOS (hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, propan-2-ol)
14.3 Transport hazard classes			
3	3	3	3
			
14.4 Packaging group			
II	II	II	II
14.5 Environmental Hazards			
YES	Marine pollutant	YES	YES
14.6 Special precautions for the user			

Limited quantity 1 L Special hazard statements 274, 601, 640C packing instructions P001 Transport category 2 Tunnel restriction code (D/ E) Classification code F1	Limited quantity 1 L EmS FE,SE Flash point - 12°C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y341 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 1 L Packing Instructions (Pkg Inst) 353 Maximum net Quantity/Package (Max Net Qty/Pkg) 5L Cargo Aircraft Only, Packing Instructions (CAO, Pkg Inst) 364 Cargo Aircraft Only, Maximum Net Quantity/Package (CAO, Max Net Qty/Pkg) 60 L Excepted quantities E2 ERG code 3H	Limited quantity 1 L
14.7 Bulk carriage by sea in accordance with IMO instruments	-		

SECTION 15: LEGISLATION

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

- Regulation (EC) No. 1272/2008 [CLP]
- Regulation (EC) No. 1907/2006 on the registration, evaluation, authorization and restriction of chemical substances (REACH) (including Regulation (EU) 2020/878)
- Occupational limit values (TRGS 900)
- List of carcinogenic, mutagenic or reproductively toxic substances (TRGS 905)
- MAK and BAT value list 2013
- Law for the Protection of Working Youth (Youth Labor Protection Act-JArbSchG)
- Act to protect mothers at work, in training and at university (Maternity Protection Act -MuSchG)
- Ordinance on systems for handling water-polluting substances (AwSV)
- Twelfth Ordinance for the Implementation of the Federal Immission Control Act (12th BImSchV Major Incident Ordinance)
- Technical instructions for keeping the air clean (TA Luft)
- Storage of hazardous substances in portable containers (TRGS 510)

VOC value according to Directive 2004/42/EC

not useable

Ingredients according to the regulation on detergents EC 648/2004

> 30%: aliphatic hydrocarbons

special instructions

nb

15.2 Chemical safety assessment Chemical safety

assessment is not available.

SECTION 16: OTHER INFORMATION

Changes

2.2 Label elements 8.2 Limitation and monitoring of exposure 11.1 Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

Sources of key data used to create the data sheet

nb

Abbreviations and acronyms

ATE – acute toxicity estimate

ADR - Agreement concerning the international carriage of dangerous goods by road

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways CEN - European Committee for Standardization

C&L – Classification and labeling

CLP - Classification, Labeling and Packaging Regulation; Regulation (EC) No. 1272/2008 CAS No. –

Chemical Abstracts Service number

CMR - carcinogen, mutagen or reproductive toxin CSA - chemical safety assessment

CSR – Chemical Safety Report

DMEL – Derived exposure level with minimal adverse effects DNEL –

Derived exposure level with no adverse effects

DPD - Dangerous Preparations Directive 1999/45/EC DSD -

Hazardous Substances Directive 67/548/EEC

DU - Downstream user EC - European

Community ECHA - European Chemicals

Agency

EC number - EINECS and ELINCS number (see also EINECS and ELINCS) EEA -

European Economic Area (EU + Iceland, Liechtenstein and Norway) EEC - European

Economic Community

EINECS - European list of chemical substances present on the market ELINCS - European

list of notified chemical substances

EN – European standard EQS –

Environmental quality standard

EU – European Union

Euphrac – European standard sentence catalogue

EWC - European Waste Catalog (replaced by LoW - see below) GES -

Generic exposure scenario

GHS - Globally Harmonized System IATA -

International Air Transport Association

ICAO-TI - Technical regulations for the carriage of dangerous goods by air IMDG -

International code for the carriage of dangerous goods by sea vessels IMSBC - International

code for the carriage of solid bulk goods by sea vessels

IT – information technology

IUCLID – International Uniform Chemical Information Database - International uniform chemical information database

IUPAC - International Union of Pure and Applied Chemistry JRC -

Joint Research Center

Kow – Octanol-water partition coefficient

LC50 - Lethal concentration for 50% of a test population

LD50 – Lethal dose for 50% of a test population (median lethal dose) LE –

Legal subject

LoW - Waste list (see <http://ec.europa.eu/environment/waste/framework/list.htm>) LR -

Lead registrant

M/I – Manufacturer/Importer

MS – Member State

MSDS – Material Safety Data Sheet OC

– Conditions of Use

OECD - Organization for Economic Cooperation and Development OEL -

Occupational exposure limit

OJ – Official Journal

OR – sole representative

OSHA - European Agency for Safety and Health at Work PBT - Persistent, bioaccumulative and toxic substance

PEC – Estimated effect concentration

PNEC - Estimated no-effect concentration(s) PPE -

personal protective equipment

(Q)SAR – Qualitative structure-activity relationship

REACH - Regulation on the registration, evaluation, authorization and restriction of chemical substances Regulation (EC) No. 1907/2006

RID - Regulations for the international carriage of dangerous goods by rail RIP -

REACH implementation project

RMM – Risk management measure SCBA – Self-

contained breathing apparatus SDB – Safety

data sheet

SIEF - Forum for the exchange of substance information SMEs

- Small and medium-sized enterprises

STOT - Specific target organ toxicity

(STOT) RE - Repeated exposure (STOT)

SE - Single exposure

SVHC - Substances of Very High Concern UN -

United Nations

vPvB – Very persistent and very bioaccumulative

The meaning of the H-phrases from the third point of the data sheet

H225 Highly flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness. H361f

Suspected of damaging fertility.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

This version replaces all previous editions. To the best of our knowledge, the information in this safety data sheet corresponds to our knowledge at the time of going to press. The information is intended to give you guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. To the extent that the product mentioned in this safety data sheet is mixed, mixed or processed with other materials, or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.