

SAFETY DATA SHEET



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

NEXLER Uszczelniacz Dekarski Kauczukowy

Creation date	14th March 2023	Version	1.1
Revision date	23rd January 2024		

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

- 1.1. Product identifier**
Substance / mixture NEXLER Uszczelniacz Dekarski Kauczukowy
mixture
UFI UMRF-N0KK-1003-J4HP
Other mixture names
NEXLER Kaucsukos Tetőtömítő
NEXLER Rubber Roofing Sealant
NEXLER Sigilant de Acoperiş din Cauciuc
NEXLER Каучуковый Покровельный Ущільнювач
NEXLER Каучуковый Кровельный Герметик

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

The product is intended for connecting, protecting and sealing roof connections and for repair work on leaky roofs and their elements. It has excellent adhesion to most construction substrates, both porous and non-porous, including bituminous substrates, e.g. concrete, plaster, sheets, roofing felt and asphalt masses, also to damp substrates.

Main intended use

PC-ADH-2 Adhesives and sealants - building and construction works (except cement based adhesives)

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.

Flam. Liq. 3, H226

STOT SE 3, H336

Most serious adverse physico-chemical effects

Flammable liquid and vapour.

Most serious adverse effects on human health and the environment

May cause drowsiness or dizziness.

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2.2. Label elements

Hazard pictogram



Signal word

Warning

Hazardous substances

n-butyl acetate

Hazard statements

H226 Flammable liquid and vapour.
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.
P261 Avoid breathing vapours.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste.

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: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1 Registration number: 01-2119485493-29	n-butyl acetate	50-55	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	1
CAS: 64742-95-6 EC: 918-668-5 Registration number: 01-2119455851-35	Hydrocarbons, C9, aromatics	0,4-1	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335, H336 Aquatic Chronic 2, H411 EUH066	1, 2
CAS: 52829-07-9 EC: 258-207-9 Registration number: 01-2119537297-32	Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	0,15-0,22	Eye Dam. 1, H318 Repr. 2, H361f Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411	

Notes

- 1 A substance for which exposure limits are set.
- 2 Substance of unknown or variable composition, complex reaction products or biological materials - UVCB.

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

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

If on skin

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

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.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

If inhaled

May cause drowsiness or dizziness.

If on skin

Not expected.

If in eyes

Not expected.

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. Flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale mist/vapours/spray.

6.2. Environmental precautions

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

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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 mist/vapours/spray. No smoking. 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. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take action to prevent static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Store locked up. Keep container tightly closed. Keep cool.

The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

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
n-butyl acetate (CAS: 123-86-4)	WEL 8h	724 mg/m ³
	WEL 8h	150 ppm
	WEL 15min	966 mg/m ³
	WEL 15min	200 ppm
trimethylbenzene (CAS: 64742-95-6)	WEL 8h	125 mg/m ³
	WEL 8h	25 ppm

DNEL

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	1.27 mg/m ³	Chronic effects systemic		
Workers	Dermal	1.8 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	0.31 mg/m ³	Chronic effects systemic		
Consumers	Dermal	0.9 mg/kg bw/day	Chronic effects systemic		
Consumers	Oral	0.18 mg/kg bw/day	Chronic effects systemic		

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Hydrocarbons, C9, aromatics					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	12.5 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	151 mg/m ³	Chronic effects systemic		
Consumers	Dermal	7.5 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	32 mg/m ³	Chronic effects systemic		
Consumers	Oral	7.5 mg/kg bw/day	Chronic effects systemic		

n-butyl acetate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	300 mg/m ³	Chronic effects systemic		
Workers	Inhalation	600 mg/m ³	Acute effects systemic		
Workers	Inhalation	300 mg/m ³	Chronic effects local		
Workers	Inhalation	600 mg/m ³	Acute effects local		
Workers	Dermal	11 mg/kg bw/day	Chronic effects systemic		
Workers	Dermal	11 mg/kg bw/day	Acute effects systemic		
Consumers	Inhalation	35.7 mg/m ³	Chronic effects systemic		
Consumers	Inhalation	300 mg/m ³	Acute effects systemic		
Consumers	Inhalation	35.7 mg/m ³	Chronic effects local		
Consumers	Inhalation	300 mg/m ³	Acute effects local		
Consumers	Dermal	6 mg/kg bw/day	Chronic effects systemic		
Consumers	Dermal	6 mg/kg bw/day	Acute effects systemic		
Consumers	Oral	2 mg/kg bw/day	Chronic effects systemic		
Consumers	Oral	2 mg/kg bw/day	Acute effects systemic		

PNEC

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate			
Route of exposure	Value	Value determination	Source
Drinking water	0.004 mg/l		
Water (intermittent release)	0.007 mg/l		
Marine water	0.38 µg/l		
Microorganisms in sewage treatment	1 mg/l		
Freshwater sediment	5.9 mg/kg of dry substance of sediment		
Sea sediments	0.59 mg/kg of dry substance of sediment		
Soil (agricultural)	1.18 mg/kg of dry substance of soil		

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n-butyl acetate			
Route of exposure	Value	Value determination	Source
Drinking water	0.18 mg/l		
Marine water	0.018 mg/l		
Water (intermittent release)	0.36 mg/l		
Microorganisms in sewage treatment	35.6 mg/l		
Freshwater sediment	0.981 mg/kg of dry substance of sediment		
Sea sediments	0.098 mg/kg of dry substance of sediment		
Soil (agricultural)	0.09 mg/kg of dry substance of soil		

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. Contaminated skin should be washed thoroughly. Other protection: protective workwear.

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, brown
Odour	characteristic
Melting point/freezing point	<-20 °C
Boiling point or initial boiling point and boiling range	≥126 °C
Flammability	flammable liquid and vapor
Lower and upper explosion limit	not determined
Flash point	29 °C
Auto-ignition temperature	not determined
Hydrocarbons, C9, aromatics (CAS: 64742-95-6)	>400 °C
n-butyl acetate (CAS: 123-86-4)	415 °C
Decomposition temperature	not applicable
pH	6-7 (10% solution)
Kinematic viscosity	not determined
Viscosity	thixotropic behaviour
Solubility in water	almost insoluble
Partition coefficient n-octanol/water (log value)	does not apply to mixtures
Vapour pressure	not determined
Hydrocarbons, C9, aromatics (CAS: 64742-95-6)	2 hPa at 20 °C

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n-butyl acetate (CAS: 123-86-4) 11.2 hPa at 20 °C
Density and/or relative density
Density 1.0 g/cm³ at 22 °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.

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 available data the classification criteria are not met.

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD ₅₀	OECD 423	3700 mg/kg bw		Rat (Rattus norvegicus)	F/M
Inhalation (aerosols)	LC ₅₀	OECD 403	500 mg/m ³ of air	4 hours	Rat (Rattus norvegicus)	F/M
Oral	LD ₅₀	OECD 402	>3170 mg/kg bw	24 hours	Rat (Rattus norvegicus)	F/M

Hydrocarbons, C9, aromatics						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Dermal	LD ₅₀	OECD 402	>3160 mg/kg bw	24 hours	Rabbit	F/M
Inhalation (vapor)	LC ₅₀	OECD 403	>6193 mg/m ³	4 hours	Rat (Rattus norvegicus)	F/M
Oral	LD ₅₀		>3492 mg/kg bw		Rat (Rattus norvegicus)	F/M

n-butyl acetate						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Oral	LD ₅₀	OECD 423	10760 mg/kg bw		Rat (Rattus norvegicus)	F/M

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n-butyl acetate						
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Inhalation	LC ₅₀		>20 mg/l of air			
Dermal	LD ₅₀	OECD 402	>14000 mg/kg bw		Rabbit	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Hydrocarbons, C9, aromatics				
Route of exposure	Result	Method	Exposure time	Species
Dermal	Slightly irritating	OECD 404		Rabbit

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate				
Route of exposure	Result	Method	Exposure time	Species
Eye	Serious eye damage	OECD 405	24 hours	Rabbit

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Repeated dose toxicity

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate							
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL	Systemic effects, Effects on fertility	OECD 443	36 mg/kg bw/day	13 weeks	Rat (Rattus norvegicus)	F/M

Hydrocarbons, C9, aromatics							
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL	Systemic effects	OECD 408	600 mg/kg bw/day	90 days	Rat (Rattus norvegicus)	F/M
Inhalation (vapor)	NOAEC	Systemic effects	OECD 452	900 mg/m ³	1 year	Rat (Rattus norvegicus)	F

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n-butyl acetate							
Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL	Systemic effects	EPA OTS 798.2650	196 mg/kg bw/day	13 weeks	Rat (<i>Rattus norvegicus</i>)	F/M
Inhalation (vapor)	NOAEC	Local effects, Systemic effects	EPA OTS 798.2450	2400 mg/m ³	13 weeks	Rat (<i>Rattus norvegicus</i>)	F/M

Aspiration hazard

Based on available data the classification criteria 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

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate					
Parameter	Method	Value	Exposure time	Species	Environment
LC ₅₀	OECD 203	4.4 mg/l	96 hours	Fish (<i>Lepomis macrochirus</i>)	
EC ₅₀	OECD 202	8.58 mg/l	48 hours	Aquatic invertebrates (<i>Daphnia magna</i>)	
EC ₅₀	OECD 201	0.705 mg/l	72 hours	Algae (<i>Raphidocelis subcapitata</i>)	
IC ₅₀	OECD 209	>100 mg/l	3 hours	Aquatic microorganisms	Activated sludge

Hydrocarbons, C9, aromatics					
Parameter	Method	Value	Exposure time	Species	Environment
ErL ₅₀	OECD 201	2.9 mg/l	72 hours	Algae (<i>Raphidocelis subcapitata</i>)	
EbL ₅₀	OECD 201	2.6 mg/l	72 hours	Algae (<i>Raphidocelis subcapitata</i>)	
EL ₅₀	OECD 202	3.2 mg/l	48 hours	Aquatic invertebrates (<i>Daphnia magna</i>)	
LL ₅₀	OECD 203	9.2 mg/l	96 hours	Fish (<i>Oncorhynchus mykiss</i>)	

n-butyl acetate					
Parameter	Method	Value	Exposure time	Species	Environment
LC ₅₀	OECD 203	18 mg/l	96 hours	Fish (<i>Pimephales promelas</i>)	
EC ₅₀	OECD 202	44 mg/l	48 hours	Aquatic invertebrates (<i>Daphnia magna</i>)	
ErC ₅₀	OECD 201	397 mg/l	72 hours	Algae (<i>Pseudokirchneriella subcapitata</i>)	

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n-butyl acetate					
Parameter	Method	Value	Exposure time	Species	Environment
NOEC	OECD 201	196 mg/l	72 hours	Algae (Pseudokirchneriella subcapitata)	
EC ₅₀		356 mg/l	40 hours	Aquatic microorganisms (Tetrahymena pyriformis)	

Chronic toxicity

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate					
Parameter	Method	Value	Exposure time	Species	Environment
NOEC	OECD 211	0.23 mg/l	21 days	Aquatic invertebrates (Daphnia magna)	

Hydrocarbons, C9, aromatics					
Parameter	Method	Value	Exposure time	Species	Environment
NOELR		2.14 mg/l	21 days	Aquatic invertebrates (Daphnia magna)	
NOELR		1.23 mg/l	28 days	Fish (Oncorhynchus mykiss)	
NOEC	OECD 209	>99 mg/l	10 minutes	Aquatic microorganisms	Activated sludge

n-butyl acetate					
Parameter	Method	Value	Exposure time	Species	Environment
NOEC	OECD 211	23 mg/l	21 days	Aquatic invertebrates (Daphnia magna)	

12.2. Persistence and degradability
The product is partially biodegradable.

Biodegradability

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate					
Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301B		28 days		Hardly biodegradable

Hydrocarbons, C9, aromatics					
Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301F	78 %	28 days		Easily biodegradable

n-butyl acetate					
Parameter	Method	Value	Exposure time	Environment	Result
					Easily biodegradable

12.3. Bioaccumulative potential
Bioaccumulation is not expected.

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Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate

Parameter	Method	Value	Exposure time	Species	Environment	Temperature [°C]	Value determination
Log Pow	OECD 107	0.35				25°C	

Hydrocarbons, C9, aromatics

Parameter	Method	Value	Exposure time	Species	Environment	Temperature [°C]	Value determination
Log Pow		3.03≤...≤4.73					QSAR

n-butyl acetate

Parameter	Method	Value	Exposure time	Species	Environment	Temperature [°C]	Value determination
Log Pow	OECD 117	2.3				25°C	

12.4. Mobility in soil

The product is insoluble in water and does not show mobility in soil.

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate

Parameter	Method	Value	Environment	Temperature	Value determination
Log Koc	OECD 106	4.2		20°C	

n-butyl acetate

Parameter	Method	Value	Environment	Temperature	Value determination
Koc		18.5			QSAR

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 1993

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- 14.2. UN proper shipping name**
FLAMMABLE LIQUID, N.O.S. (contains: n-butyl acetate)
- 14.3. Transport hazard class(es)**
3 Flammable liquids
- 14.4. Packing group**
III
- 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

NOTE: The product packed in receptacles with a capacity of not more than 450 liters is not subject to the provisions of ADR (2.2.3.1.5).

Hazard identification No.	30
UN number	1993
Classification code	F1
Safety signs	3



Tunnel restriction code	(D/E)
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Marine transport - IMDG

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

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 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. 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

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET



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

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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.
P261 Avoid breathing vapours.
P403+P235 Store in a well-ventilated place. Keep cool.
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
EC₅₀ Concentration of a substance when it is affected 50% of the population
EINECS European Inventory of Existing Commercial Chemical Substances
EL₅₀ Effective Loading for 50% of the tested organisms
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
IC₅₀ Concentration causing 50% blockade
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
LC₅₀ Lethal concentration of a substance in which it can be expected death of 50% of the population
LD₅₀ Lethal dose of a substance in which it can be expected death of 50% of the population
LL₅₀ Lethal Loading for 50% of tested organisms
log Kow Octanol-water partition coefficient
NOAEC No observed adverse effect concentration
NOAEL No observed adverse effect level
NOEC No observed effect concentration
NOEL No observed effect level
NOELR No Observed Effect Loading Rate
OEL Occupational Exposure Limits
PBT Persistent, Bioaccumulative and Toxic
ppm Parts per million
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

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VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquid
Repr.	Reproductive toxicity
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.

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

This safety data sheet replaces version 1.0 dated 14.03.2023.
Updated sections: 1,13,15.

More information

Classification procedure - calculation method and based on tests of physicochemical properties.

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.