

SAFETY DATA SHEET

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

Frische Kraft 6in1 Dishwashing Liquid Lemon

Creation date 15th April 2026 Version 2

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

- 1.1. Product identifier**
Substance / mixture Frische Kraft 6in1 Dishwashing Liquid Lemon mixture
UFI EW40-T061-000S-HJX2
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Płyn do mycia naczyń. PC-DET-3.3Detergenty do ręcznego zmywania naczyń
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 BAXTAN SP. Z O. O.
Address Ofiar Katynia 7, Przemyśl
Poland
Phone +48 519 631 518
Email hurt@baxtan.com
Competent person responsible for the safety data sheet
Name BAXTAN SP. Z O.O.
Email verkauf@frischekraft.com
- 1.4. Emergency telephone number**
European emergency number: 112

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Eye Irrit. 2, H319
Aquatic Chronic 3, H412

Most serious adverse effects on human health and the environment

Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

- 2.2. Label elements**
Hazard pictogram



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P264 Wash hands and exposed parts of the body thoroughly after handling.
P280 Wear eye protection/protective gloves.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

Supplemental information

EUH208 Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

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2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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
CAS: 68891-38-3 EC: 500-234-8 Registration number: 01-2119488639-16	Alkohole C12-14 (parzyste), etoksylowane <2,5TE, siarczany sodowe	3-4	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 Specific concentration limit: Eye Dam. 1, H318: C ≥ 10 % Eye Irrit. 2, H319: 5 % ≤ C < 10 %	
CAS: 68155-07-7 EC: 931-329-6 Registration number: 01-2119490100-53-0003	Amidy, C8-18 (parzyste) i C18 nienasycone, N,N-bis (hydroksyetylowe)	0.5-1.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411	
Index: 603-071-00-1 CAS: 111-42-2 EC: 203-868-0 Registration number: 01-2119488930-28	2,2'-iminodiethanol	<0.1	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2 (**), H373	
Index: 613-167-00-5 CAS: 55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	<0.0015	Acute Tox. 3, H301 Acute Tox. 2, H310+H330 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071 Specific concentration limit: Eye Irrit. 2, H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A, H317: C ≥ 0.0015 % Skin Irrit. 2, H315: 0.06 % ≤ C < 0.6 % Skin Corr. 1C, H314: C ≥ 0.6 % Eye Dam. 1, H318: C ≥ 0.6 %	1
Index: 605-019-00-3 CAS: 5392-40-5 EC: 226-394-6 Registration number: 01-2119462829-23	citral	<0.001	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	
CAS: 101-84-8 EC: 202-981-2 Registration number: 01-2119472545-33	Eter difenylowy	<0.001	Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412	2

Notes

** another exposure route cannot be ruled out

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- Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.*
- 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

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 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.

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

Rinse out the mouth with water and provide 0.2-0.5 L of water. Provide medical treatment if the person has any health problems.

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

If inhaled

Not expected.

If on skin

Not expected.

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. 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

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

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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 concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

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.

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.

European Union

Commission Directive (EU) 2017/164

Substance name (component)	Type	Value
Eter difenylowy (CAS: 101-84-8)	OEL 8 hours	7 mg/m ³
	OEL 8 hours	1 ppm
	OEL 15 minutes	14 mg/m ³
	OEL 15 minutes	2 ppm

DNEL

2,2'-iminodiethanol			
Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	0.75 mg/m ³	Chronic effects systemic
Workers	Inhalation	0.5 mg/m ³	Chronic effects local
Workers	Dermal	0.13 mg/kg bw/day	Chronic effects local
Consumers	Inhalation	0.125 mg/m ³	Chronic effects systemic
Consumers	Inhalation	0.125 mg/m ³	Chronic effects local
Consumers	Dermal	0.07 mg/kg bw/day	Chronic effects local
Consumers	Oral	0.06 mg/kg bw/day	Chronic effects local

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Amidy, C8-18 (parzyste) i C18 nienasycone, N,N-bis (hydroksyetylowe)

Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	73.4 mg/m ³	Chronic effects systemic
Workers	Dermal	4.16 mg/kg bw/day	Chronic effects systemic
Workers	Dermal	0.0935 mg/cm ²	Chronic effects local
Consumers	Inhalation	21.73 mg/m ³	Chronic effects systemic
Consumers	Dermal	2.5 mg/kg bw/day	Chronic effects systemic
Consumers	Dermal	0.0562 mg/cm ²	Chronic effects local
Consumers	Oral	6.25 mg/kg bw/day	Chronic effects systemic

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Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	9 mg/m ³	Chronic effects systemic
Consumers	Inhalation	2.7 mg/m ³	Chronic effects systemic
Workers	Dermal	1.7 mg/kg bw/day	Chronic effects systemic
Consumers	Dermal	1 mg/kg bw/day	Chronic effects systemic
Workers	Dermal	0.140 mg/cm ²	Chronic effects local
Consumers	Dermal	0.140 mg/cm ²	Chronic effects local
Consumers	Oral	0.6 mg/kg bw/day	Chronic effects systemic

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Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	59 mg/m ³	Chronic effects systemic
Workers	Inhalation	7 mg/m ³	Chronic effects local
Workers	Inhalation	14 mg/m ³	Acute effects local
Workers	Dermal	25 mg/kg bw/day	Chronic effects systemic

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	0.02 mg/m ³	Chronic effects local
Workers	Inhalation	0.04 mg/m ³	Acute effects local
Consumers	Inhalation	0.02 mg/m ³	Chronic effects local
Consumers	Inhalation	0.04 mg/m ³	Acute effects local
Consumers	Oral	0.09 mg/kg of food	Chronic effects systemic
Consumers	Oral	0.09 mg/kg of food	Acute effects systemic

PNEC

2,2'-iminodiethanol	
Route of exposure	Value
Drinking water	21 µg/l
Water (intermittent release)	95 µg/l
Marine water	2 µg/l
Microorganisms in sewage treatment	100 mg/l
Freshwater sediment	0.092 mg/kg of dry substance of sediment
Sea sediments	0.0092 mg/kg of dry substance of sediment
	1.63 mg/kg of dry substance of soil
Food chain	1.04 mg/kg of dry substance of sediment

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Amidy, C8-18 (parzyste) i C18 nienasycone, N,N-bis (hydroksyetylowe)

Route of exposure	Value
Drinking water	7 µg/l
Water (intermittent release)	24 µg/l
Marine water	700 ng/l
Microorganisms in sewage treatment	830 mg/l
Freshwater sediment	0.195 mg/kg of dry substance of sediment
Sea sediments	0.0195 mg/kg of dry substance of sediment
	0.0348 mg/kg of dry substance of soil

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Route of exposure	Value
Drinking water	6.78 µg/l
Water (intermittent release)	67.8 µg/l
Marine water	678 µg/l
Microorganisms in sewage treatment	1.6 mg/l
Sea sediments	0.0125 mg/kg of dry substance of sediment
Freshwater sediment	0.125 mg/kg of dry substance of sediment

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Route of exposure	Value
Drinking water	455 µg/l
Marine water	45.5 ng/l
Water (intermittent release)	4.55 µg/l
Microorganisms in sewage treatment	10 mg/l
Freshwater sediment	92.6 µg/kg
Sea sediments	9.26 µg/kg

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Route of exposure	Value
Drinking water	3.39 µg/l
Marine water	3.39 µg/l
Water (intermittent release)	3.39 µg/l
Microorganisms in sewage treatment	230 µg/l
Freshwater sediment	0.027 mg/kg of dry substance of sediment
Sea sediments	0.027 mg/kg of dry substance of sediment
	0.01 mg/kg bw

8.2. Exposure controls

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. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Contaminated skin should be washed thoroughly.

Glove material	Thickness	Breakthrough time	Class
Neoprene (CR)	≥ 0.7 mm	>480 min	6

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

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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	data not available
Odour	Lemon
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	>60 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	6-6.5 (undiluted at 20 °C)
Kinematic viscosity	data not available mm ² /s
Solubility in water	soluble
Partition coefficient n-octanol/water (log value)	not determined
Vapour pressure	data not available
Density and/or relative density	
Density	1.01-1.03 g/cm ³ at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

Vapour density	data not available
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SECTION 10: Stability and reactivity

10.1. Reactivity

not available

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. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

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

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Acute toxicity

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

2,2'-iminodiethanol					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD50	675.8-2500 mg/kg		Rat (Rattus norvegicus)	
Inhalation	LC0	200 mg/m ³	8 hours	Rat (Rattus norvegicus)	
Inhalation	LC0	3.35 mg/m ³	4 hours	Rat (Rattus norvegicus)	

Amidy, C8-18 (parzyste) i C18 nienasycone, N,N-bis (hydroksyetylowe)					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Dermal	LD50	>2000 mg/kg		Rat (Rattus norvegicus)	
Oral	LD50	>5000 mg/kg		Rat (Rattus norvegicus)	

cital					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD50	6800 mg/kg		Rat (Rattus norvegicus)	F/M
Dermal	LD50	2250 mg/kg		Rabbit	

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD50	53 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD50	141 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD50	87 mg/kg		Rabbit	

Skin corrosion/irritation

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

2,2'-iminodiethanol			
Route of exposure	Result	Exposure time	Species
Dermal	Irritating	24 hours	Rabbit

Amidy, C8-18 (parzyste) i C18 nienasycone, N,N-bis (hydroksyetylowe)			
Route of exposure	Result	Exposure time	Species
Skin	Irritating		Rabbit

Serious eye damage/irritation

Causes serious eye irritation.

2,2'-iminodiethanol				
Route of exposure	Result	Method	Exposure time	Species
Eye	Irritating		24 hours	Rabbit

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Amidy, C8-18 (parzyste) i C18 nienasycone, N,N-bis (hydroksyetylowe)

Route of exposure	Result	Method	Exposure time	Species
Eye	Irritating			Rabbit

citral

Route of exposure	Result	Method	Exposure time	Species
Eye	Irritating	OECD 405		Rabbit

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Route of exposure	Result	Method	Exposure time	Species
	Corrosive			
	Causes damage			

Respiratory or skin sensitisation

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

Amidy, C8-18 (parzyste) i C18 nienasycone, N,N-bis (hydroksyetylowe)

Route of exposure	Result	Exposure time	Species	Sex
Skin	Not sensitizing		Guinea-pig (<i>Cavia aperea f. porcellus</i>)	

Sensitization

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Route of exposure	Result	Exposure time	Species	Sex
	Sensitizing			

Germ cell mutagenicity

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

Amidy, C8-18 (parzyste) i C18 nienasycone, N,N-bis (hydroksyetylowe)

Result	Method	Exposure time	Specific target organ	Species	Sex
Negative	OECD 471	28 days		Bacteria (<i>Salmonella typhimurium</i>)	
Negative	OECD 474				

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Result	Method	Exposure time	Specific target organ	Species	Sex
Negative	OECD 471				
Negative	OECD 476		Ovaries	Chinese hamster (<i>Cricetulus barabensis</i>)	F
Negative	OECD 473		Ovaries	Chinese hamster (<i>Cricetulus barabensis</i>)	F
Negative	OECD 474			Mouse	F/M

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reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)					
Result	Method	Exposure time	Specific target organ	Species	Sex
Negative					
Negative					

Carcinogenicity

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

Reproductive toxicity

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

Amidy, C8-18 (parzyste) i C18 nienasycone, N,N-bis (hydroksyetylowe)						
Effect	Parameter	Value	Exposure time	Result	Species	Sex
Effects on fertility				Negative	Rat (Rattus norvegicus)	
Developmental toxicity				Negative	Rat (Rattus norvegicus)	

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)						
Effect	Parameter	Value	Exposure time	Result	Species	Sex
Effects on fertility	NOAEL	22.7 mg/kg bw/day			Rat (Rattus norvegicus)	
Developmental toxicity	NOAEL	100 mg/kg bw/day			Rat (Rattus norvegicus)	

Toxicity for specific target organ - single exposure

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

Toxicity for specific target organ - repeated exposure

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

Repeated dose toxicity

Amidy, C8-18 (parzyste) i C18 nienasycone, N,N-bis (hydroksyetylowe)						
Route of exposure	Parameter	Result	Value	Exposure time	Species	Sex
Oral	NOAEL		750 mg/kg		Rat (Rattus norvegicus)	F/M
Dermal	NOAEL		50 mg/kg		Rat (Rattus norvegicus)	
Dermal	NOAEL		100 mg/kg		Mouse	
Dermal	NOAEL		50 mg/kg		Rat (Rattus norvegicus)	F

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)						
Route of exposure	Parameter	Result	Value	Exposure time	Species	Sex
Oral	NOAEL		22 mg/kg bw/day		Dog	
Inhalation	NOAEC		2.36 mg/m ³		Rat (Rattus norvegicus)	

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Aspiration hazard

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

11.2. Information on other hazards

not available

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

Acute toxicity

2,2'-iminodiethanol					
Parameter	Method	Value	Exposure time	Species	Environment
EC50		12 mg/l	96 hours	Algae (Pseudokirchneriella subcapitata)	Fresh water
LC50		28800 µg/l	48 hours	Crustaceans	Fresh water
LC50		2150 µg/l	48 hours	Daphnia (Daphnia pulex)	Fresh water
LC50		775 mg/l	96 hours	Fish (Lepomis macrochirus)	Fresh water

citral					
Parameter	Method	Value	Exposure time	Species	Environment
LC50		6.78 mg/l	96 hours	Fish (Leuciscus idus)	
EC50		6.8 mg/l	48 hours	Daphnia (Daphnia magna)	
EC50		103.8 mg/l	72 hours	Algae (Desmodesmus subspicatus)	
EC50	OECD 209	160 mg/l	0.5 hours	Algae (Selenastrum capricornutum)	

12.2. Persistence and degradability

Data for the mixture are not available.

Biodegradability

2,2'-iminodiethanol					
Parameter	Method	Value	Exposure time	Environment	Result
		89 %	28 days		Easily biodegradable

citral					
Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301F	>90 %			Easily biodegradable

12.3. Bioaccumulative potential

Data for the mixture are not available.

2,2'-iminodiethanol		
Parameter	Method	Value
Log Pow		-1.43

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Parameter	Method	Value
Log Pow	OECD 107	2.76

12.4. Mobility in soil

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

12.5. Results of PBT and vPvB assessment

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

12.6. Endocrine disrupting properties

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

12.7. Other adverse effects

Data not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. 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).

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15.2. Chemical safety assessment

not available

SECTION 16: Other information

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

EUH071	Corrosive to the respiratory tract.
EUH208	Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310+H330	Fatal in contact with skin or if inhaled.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P264	Wash hands and exposed parts of the body thoroughly after handling.
P280	Wear eye protection/protective gloves.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

Acute Tox.	Acute toxicity
ADR	Agreement concerning the international carriage of dangerous goods by road
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency Response Procedures for Ships Carrying Dangerous Goods
EU	European Union
EuPCS	European Product Categorisation System
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry

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LC0	Lethal concentration of a substance in which it can be expected death of 0% of the population
LD50	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
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure
UN number	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

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.