

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ROWE Geschirr-Reiniger

Revision: 22.10.2025

Product code: F00-00006

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

1.1. Product identifier

ROWE Geschirr-Reiniger

UFI: 1E50-2081-700C-HU89

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

Use of the substance/mixture

Automatic dishwashing detergents – household use

1.3. Details of the supplier of the safety data sheet

Company name: Rohm & Werner Seifen- und chemisch-technische Fabrik GmbH
Street: Bahnhofstraße 11 - 15
Place: D-36391 Sinntal
Telephone: +49 (0)6664 919070
E-mail: info@rohм-werner.com
Contact person: service@rohм-werner.com
Internet: www.rohм-und-werner.de

1.4. Emergency telephone number:

Giftnotruf Berlin: +49 (0)30 19240 (24/7)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Signal word: Warning

Pictograms:



Hazard statements

H319 Causes serious eye irritation.

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 thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Special labelling of certain mixtures

EUH208 Contains subtilisin. May produce an allergic reaction.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
497-19-8	sodium carbonate			45 - < 50 %
	207-838-8	011-005-00-2	01-2119485498-19	
	Eye Irrit. 2; H319			
15630-89-4	sodium carbonate peroxyhydrate			15 - < 20 %
	239-707-6		01-2119457268-30	
	Ox. Sol. 3, Acute Tox. 4, Eye Dam. 1; H272 H302 H318			
1344-09-8	Silicic acid, sodium salt, 2,6 < MR <= 3,2			1 - < 5 %
	215-687-4		01-2119448725-31	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			
68439-49-6	Alcohols, C16-18, ethoxylated			1 - < 5 %
	Eye Irrit. 2; H319			
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate			1 - < 5 %
	223-267-7		01-2119510382-52	
	Acute Tox. 4, Eye Irrit. 2; H302 H319			
9014-01-1	subtilisin			< 1 %
	232-752-2	647-012-00-8	01-2119480434-38	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Resp. Sens. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 2; H302 H315 H318 H334 H335 H400 H411			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
497-19-8	207-838-8	sodium carbonate	45 - < 50 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = 2800 mg/kg	
15630-89-4	239-707-6	sodium carbonate peroxyhydrate	15 - < 20 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1034 mg/kg Eye Dam. 1; H318: >= 25 - 100 Eye Irrit. 2; H319: >= 7.5 - < 25	
1344-09-8	215-687-4	Silicic acid, sodium salt, 2,6 < MR <= 3,2	1 - < 5 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = 3400 mg/kg	
68439-49-6		Alcohols, C16-18, ethoxylated	1 - < 5 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
3794-83-0	223-267-7	Tetrasodium (1-hydroxyethylidene)bisphosphonate	1 - < 5 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = 940 mg/kg Eye Irrit. 2; H319: >= 30 - 100	
9014-01-1	232-752-2	subtilisin	< 1 %
		oral: LD50 = 1800 mg/kg	

Labelling for contents according to Regulation (EC) No 648/2004

15 % - < 30 % oxygen-based bleaching agents, < 5 % polycarboxylates, < 5 % non-ionic surfactants, < 5 % phosphonates, enzymes, perfumes (Linalyl Acetate).

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Observe risk of aspiration if vomiting occurs. When in doubt or if symptoms are observed, get medical advice.

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

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

In case of fire may be liberated: Pyrolysis products, toxic.

Hazardous decomposition products (oxygen-based bleaching agents): Oxygen.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Full protective suit.

Additional information

Suppress gases/vapours/mists with water spray jet. Knock down dust with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes.

For non-emergency personnel

Remove all sources of ignition. Provide adequate ventilation. Remove persons to safety. Wear personal protection equipment.

For emergency responders

Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

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For containment

Avoid dust formation. Stop leak if safe to do so.

For cleaning up

Take up mechanically. Take up dust-free and set down dust-free. Treat the recovered material as prescribed in the section on waste disposal.

Other information

Do not subject to friction. Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Advice on general occupational hygiene

Take off contaminated clothing. Draw up and observe skin protection programme. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep out of the reach of children.

Hints on joint storage

No information available.

Further information on storage conditions

Protect from moisture. Keep away from heat.

7.3. Specific end use(s)

Automatic dishwashing detergents – household use

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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DNEL/DMEL values

CAS No	Name of agent		
DNEL type	Exposure route	Effect	Value
15630-89-4	sodium carbonate peroxyhydrate		
Worker DNEL, acute	dermal	local	12,8 mg/cm ²
Worker DNEL, long-term	inhalation	local	5 mg/m ³
Consumer DNEL, acute	dermal	local	6,4 mg/cm ²
1344-09-8	Silicic acid, sodium salt, 2,6 < MR <= 3,2		
Worker DNEL, long-term	inhalation	systemic	5,61 mg/m ³
Worker DNEL, long-term	dermal	systemic	1,59 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	0,80 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	1,38 mg/m ³
Consumer DNEL, long-term	dermal	systemic	0,80 mg/kg bw/day
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate		
Consumer DNEL, long-term	oral	systemic	2,1 mg/kg bw/day
Worker DNEL, long-term	dermal	systemic	48 mg/kg bw/day
Consumer DNEL, long-term	dermal	systemic	24 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	16,9 mg/m ³
Worker DNEL, long-term	inhalation	local	10 mg/m ³
Consumer DNEL, long-term	inhalation	systemic	4,2 mg/m ³
Consumer DNEL, long-term	inhalation	local	10 mg/m ³
9014-01-1	subtilisin		
Worker DNEL, long-term	inhalation	systemic	0,000060 mg/m ³
Worker DNEL, acute	dermal	local	0,2 %
Worker DNEL, long-term	dermal	local	0,2 %
Consumer DNEL, long-term	inhalation	local	0,000015 mg/m ³
Consumer DNEL, long-term	inhalation	systemic	0,000015 mg/m ³
Consumer DNEL, acute	dermal	local	0,2 %
Consumer DNEL, long-term	dermal	local	0,2 %

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PNEC values

CAS No	Name of agent	Value
Environmental compartment		
15630-89-4	sodium carbonate peroxyhydrate	
Freshwater		0,035 mg/l
1344-09-8 Silicic acid, sodium salt, 2,6 < MR <= 3,2		
Freshwater		7,5 mg/l
Freshwater (intermittent releases)		7,5 mg/l
Marine water		1 mg/l
Marine water (intermittent releases)		7,5 mg/l
Micro-organisms in sewage treatment plants (STP)		348 mg/l
9014-01-1 subtilisin		
Freshwater		0,0017 mg/l
Freshwater (intermittent releases)		0,0009 mg/l
Marine water		0,00017 mg/l
Micro-organisms in sewage treatment plants (STP)		65 mg/l
Soil		0,569 mg/kg

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls



Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Use eye protection according to EN 166.

Hand protection

Wear suitable gloves tested to EN374.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Respiratory protection necessary at: dust formation

Thermal hazards

No information available.

Environmental exposure controls

Avoid release to the environment.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid	
Colour:	white	
Odour:	characteristic	
Odour threshold:	not determined	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Flammability:		Non-flammable. Contains: 5 - 15 % Combustible solids
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		not applicable
Auto-ignition temperature:		not determined
Decomposition temperature:		not determined
pH-Value:		10,7 (1 %)
Viscosity / kinematic:		not applicable
Water solubility:		easily soluble
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		not determined
Bulk density:		950 kg/m ³
Relative vapour density:		not determined
Particle characteristics:		not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

oxygen-based bleaching agents: Possibility of hazardous reactions.

10.4. Conditions to avoid

Protect from moisture. Keep away from heat.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Hazardous decomposition products (oxygen-based bleaching agents): Oxygen.

In case of fire may be liberated: Pyrolysis products, toxic.

SECTION 11: Toxicological information

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

Acute toxicity

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

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ATEmix calculated

ATE (oral) > 5000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
497-19-8	sodium carbonate				
	oral	LD50 2800 mg/kg	Rat	Manufacturer	
	dermal	LD50 > 2000 mg/kg	Rabbit	Manufacturer	EPA 16 CFR 1500.40
15630-89-4	sodium carbonate peroxyhydrate				
	oral	LD50 1034 mg/kg	Rat	Manufacturer	
	dermal	LD50 > 2000 mg/kg	Rabbit	Manufacturer	
1344-09-8	Silicic acid, sodium salt, 2,6 < MR <= 3,2				
	oral	LD50 3400 mg/kg	Rat	Manufacturer	
	dermal	LD50 > 5000 mg/kg	Rat	Manufacturer	
68439-49-6	Alcohols, C16-18, ethoxylated				
	oral	LD50 > 5000 mg/kg	Rat	Manufacturer	OECD 401
	dermal	LD50 > 5000 mg/kg	Rat	Manufacturer	OECD 402
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate				
	oral	LD50 940 mg/kg	Rat	ECHA	
	dermal	LD50 > 2000 mg/kg	Rabbit	Pre-supplier/manufaturer	
9014-01-1	subtilisin				
	oral	LD50 1800 mg/kg	Rat	Manufacturer	OECD 401

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation.

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

Sensitising effects

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

Contains subtilisin. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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.

STOT-single exposure

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

STOT-repeated exposure

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

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Aspiration hazard

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

Information on likely routes of exposure

Inhalation, oral, Skin contact, Eye contact.

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

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

The product is not: Ecotoxic.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
497-19-8	sodium carbonate					
	Acute fish toxicity	LC50 300 mg/l	96 h	Lepomis macrochirus (Bluegill)	Manufacturer	
	Acute crustacea toxicity	EC50 200-227 mg/l	48 h	Daphnia sp.	Manufacturer	
15630-89-4	sodium carbonate peroxyhydrate					
	Acute fish toxicity	LC50 4,9 mg/l	96 h	Pimephales promelas (fathead minnow)	Manufacturer	
	Acute crustacea toxicity	EC50 70,7 mg/l	48 h	Daphnia pulex (water flea)	Manufacturer	
	Fish toxicity	NOEC 7,4 mg/l	4 d	Pimephales promelas (fathead minnow)	Manufacturer	
	Crustacea toxicity	NOEC 2 mg/l	2 d	Daphnia pulex (water flea)	Manufacturer	
1344-09-8	Silicic acid, sodium salt, 2,6 < MR <= 3,2					
	Acute fish toxicity	LC50 1108 mg/l	96 h	Danio rerio (zebrafish)	Manufacturer	
	Acute crustacea toxicity	EC50 1700 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer	
68439-49-6	Alcohols, C16-18, ethoxylated					
	Acute fish toxicity	LC50 > 1 - 10 mg/l	96 h	Leuciscus idus (golden orfe)	Manufacturer	OECD 203
	Acute crustacea toxicity	EC50 > 1 - 10 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer	
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	Manufacturer	
	Acute crustacea toxicity	EC50 370 - 380 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer	
9014-01-1	subtilisin					
	Acute algae toxicity	ErC50 0,830 mg/l	72 h	Algae	Manufacturer	OECD 201
	Acute crustacea toxicity	EC50 0,586 mg/l	48 h	Daphnia spec.	Manufacturer	OECD 202
	Algae toxicity	NOEC 0,041 mg/l	3 d	Pseudokirchneriella subcapitata	Manufacturer	

12.2. Persistence and degradability

The product has not been tested.

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CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
68439-49-6	Alcohols, C16-18, ethoxylated			
	OECD 301B	> 60 %	28	Manufacturer
	Readily biodegradable (according to OECD criteria).			
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate			
	OECD 301E (Activated sludge)	1,6 %	79	Pre-supplier/manufactur er
	Not readily biodegradable (according to OECD criteria)			
9014-01-1	subtilisin			
		102 %	29	Manufacturer
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
9014-01-1	subtilisin	< 0

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

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14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Hazardous decomposition products (oxygen-based bleaching agents): Oxygen.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

Directive 2010/75/EU on industrial emissions: < 0,1 %

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Regulation (EC) No. 648/2004 [Detergents regulation].

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1.

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Abbreviations and acronyms

Ox. Sol. 3: Oxidising solids, hazard category 3
Acute Tox. 4: Acute toxicity, hazard category 4
Skin Irrit. 2: Skin irritation, hazard category 2
Eye Dam. 1: Serious eye damage, hazard category 1
Eye Irrit. 2: Eye irritation, hazard category 2
Resp. Sens. 1: Respiratory sensitisation, hazard category 1
STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3
Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
IMDG: International Maritime Code for Dangerous Goods
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
SVHC: Substance of Very High Concern
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Key literature references and sources for data

(*)

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

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H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains subtilisin. May produce an allergic reaction.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)