

SAFETY DATA SHEET

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

Lavely

Creation date	15th July 2025	Version	1.0
Revision date			

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

1.1. Product identifier Lavely
Substance / mixture mixture
UFI WH00-U0NS-4008-SHW4

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

Main intended use

PC-DET-1.2 Laundry detergents - household use

Secondary uses

PC-DET-1.1 Laundry detergent for hand washing

PC-DET-1.3 Laundry detergents - professional or industrial use

Mixture uses advised against

not available

1.3. Details of the supplier of the safety data sheet

Supplier

Name or trade name	JD Commerce & Services UG (haftungsbeschränkt)
Address	Kantstr. 45, Grünberg, 35305 Germany
Phone	+4964019060713
E-mail	info@lavely.de
Web address	www.lavely.de

Competent person responsible for the safety data sheet

Name	JD Commerce & Services UG (haftungsbeschränkt)
E-mail	info@lavely.de

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 Dam. 1, H318

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

Sulfuric acid, mono-C12-18-alkyl esters, sodium salts

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear eye protection.

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P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a POISON CENTER/doctor.

Supplemental information

Composition according to (EC) No 648/2004, as amended: 15-<30 % zeolites, 5-<15 % anionic surfactants, <5 % non-ionic surfactants, <5 % oxygen-based bleaching agents, enzymes, optical brighteners, perfumes, Hexyl cinnamal, Tetramethyl acetyloctahydronaphthalenes, Data for the detergent constituents: +49 15119654414, info@jd-ug.de, www.jd-ug.de

2.3. Other hazards

not available

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: 011-005-00-2 CAS: 497-19-8 EC: 207-838-8	sodium carbonate	16.5	Eye Irrit. 2, H319	
CAS: 68955-19-1 EC: 273-257-1 Registration number: 01-2119490225-39	Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	4.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
CAS: 15630-89-4 EC: 239-707-6 Registration number: 01-2119457268-30	Disodium carbonate, compound with hydrogen peroxide (2:3)	4	Ox. Sol. 2, H272 Acute Tox. 4, H302 Eye Dam. 1, H318 Specific concentration limit: Eye Dam. 1, H318: C ≥ 25 % Eye Irrit. 2, H319: 7.5 % ≤ C < 25 %	
CAS: 68891-38-3 EC: 500-234-8 Registration number: 01-2119488639-16	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	0.78-<1.04	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 Specific concentration limit: Eye Irrit. 2, H319: 5 % ≤ C < 10 % Eye Dam. 1, H318: C ≥ 10 %	
CAS: 144-55-8 EC: 205-633-8 Registration number: 01-2119457606-32-XXXX	sodium hydrogencarbonate	>0.49-0.5		
Index: 011-005-00-2 CAS: 497-19-8 EC: 207-838-8 Registration number: 01-2119485498-19	sodium carbonate	<0.028	Eye Irrit. 2, H319	

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

not available

If inhaled

not available

If on skin

not available

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If in eyes

not available

If swallowed

not available

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

If inhaled

not available

If on skin

not available

If in eyes

not available

If swallowed

not available

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

not available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

not available

Unsuitable extinguishing media

not available

5.2. Special hazards arising from the substance or mixture

not available

5.3. Advice for firefighters

not available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

not available

6.2. Environmental precautions

not available

6.3. Methods and material for containment and cleaning up

not available

6.4. Reference to other sections

not available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

not available

7.2. Conditions for safe storage, including any incompatibilities

not available

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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DNEL

Alcohols, C12-14, ethoxylated, sulfates, sodium salts			
Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	175 mg/m ³	Chronic effects systemic
Workers	Dermal	2750 mg/kg bw/day	Chronic effects systemic
Consumers	Inhalation	52 mg/m ³	Chronic effects systemic
Consumers	Dermal	1650 mg/kg bw/day	Chronic effects systemic
Consumers	Oral	15 mg/kg bw/day	Chronic effects systemic

Sulfuric acid, mono-C12-18-alkyl esters, sodium salts			
Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	285 mg/m ³	Chronic effects systemic
Workers	Dermal	4060 mg/kg bw/day	Chronic effects systemic
Consumers	Dermal	2440 mg/kg bw/day	Chronic effects systemic
Consumers	Inhalation	85 mg/m ³	Chronic effects systemic
Consumers	Dermal	24 mg/kg bw/day	Chronic effects systemic

PNEC

Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
Route of exposure	Value
Freshwater environment	0.24 mg/l
Water (intermittent release)	0.071 mg/l
Marine water	0.024 mg/l
Microorganisms in sewage treatment	10 g/l
Freshwater sediment	0.917 mg/kg of dry substance of sediment
Sea sediments	0.092 mg/kg of dry substance of sediment
Soil (agricultural)	7.5 mg/kg of dry substance of soil

Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	
Route of exposure	Value
Freshwater environment	0.098 mg/l
Water (intermittent release)	0.013 mg/l
Marine water	0.01 mg/l
Microorganisms in sewage treatment	6.8 mg/l
Freshwater sediment	3.45 mg/kg of dry substance of sediment
Sea sediments	0.345 mg/kg of dry substance of sediment
Soil (agricultural)	0.631 mg/kg of dry substance of soil

8.2. Exposure controls

not available

Eye/face protection

not available

Skin protection

not available

Respiratory protection

not available

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Thermal hazard

not available

Environmental exposure controls

not available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	solid
Colour	data not available
Odour	data not available
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	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	10-11 (undiluted)
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

not available

10.3. Possibility of hazardous reactions

not available

10.4. Conditions to avoid

not available

10.5. Incompatible materials

not available

10.6. Hazardous decomposition products

not available

SECTION 11: Toxicological information

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

not available

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Acute toxicity

not available

Lavelly							
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	ATE	10286 mg/kg				Calculation of value	

sodium hydrogencarbonate							
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD50	>4000 mg/kg bw		Rat (Rattus norvegicus)	F/M		ECHA
Inhalation	LC50	4.74 mg/l	4.5 hours	Rat (Rattus norvegicus)	F/M		ECHA

Sulfuric acid, mono-C12-18-alkyl esters, sodium salts							
Route of exposure	Parameter	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD50	2600 mg/kg		Rat			
Oral	LOAEL	300 mg/kg bw/day	28 days	Rat			
Oral	NOAEL	100 mg/kg bw/day	28 days	Rat			

Skin corrosion/irritation

not available

Serious eye damage/irritation

not available

Respiratory or skin sensitisation

not available

Germ cell mutagenicity

not available

Carcinogenicity

not available

Reproductive toxicity

not available

Toxicity for specific target organ - single exposure

not available

Toxicity for specific target organ - repeated exposure

not available

Aspiration hazard

not available

11.2. Information on other hazards

not available

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SECTION 12: Ecological information

12.1. Toxicity

not available

Acute toxicity

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
LC50	OECD 203	7.1 mg/l	96 hours	Fish (Danio rerio)			
LC50	OECD 202	7.4 mg/l	48 hours	Daphnia (Daphnia magna)		Immobilization	
ErC50	OECD 201	27.7 mg/l	72 hours	Algae (Scenedesmus subspicatus)		Indicator of growth	

sodium hydrogencarbonate

Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
LC50		7100 mg/l	96 hours	Fish (Lepomis macrochirus)			ECHA
LC50		7700 mg/l	96 hours	Fish (Oncorhynchus mykiss)			
EC50		4100 mg/l	48 hours	Daphnia (Daphnia magna)			ECHA
NOEC		5200 mg/l	96 hours	Fish (Lepomis macrochirus)			
NOEC		2300 mg/l	96 hours	Fish (Oncorhynchus mykiss)			
NOEC		3100 mg/l	48 hours	Daphnia (Daphnia magna)			

Sulfuric acid, mono-C12-18-alkyl esters, sodium salts

Parameter	Method	Value	Exposure time	Species	Environment	Value determination	Source
LC50	EU C.1	17 mg/l	96 hours	Fish (Cyprinus carpio)			
ErC50	EU C.3	>20 mg/l	72 hours	Algae (Desmodesmus subspicatus)			
EC50	EU C.2	15 mg/l	48 hours	Daphnia (Daphnia magna)			
NOEC		<1.357 mg/l	42 days	Fish (Pimephales promelas)			
NOErC	EU C.3	<3 mg/l	72 hours	Algae (Desmodesmus subspicatus)			
NOEC		<0.419 mg/l	7 days	Crustaceans (Ceriodaphnia dubia)			

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Chronic toxicity

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Parameter	Method	Value	Exposure time	Species	Environment	Value determination
LNOEC	OECD 215	0.14 mg/l	28 days	Fish (Oncorhynchus mykiss)		
NOEC	OECD 211	0.27 mg/l	21 days	Daphnia (Daphnia magna)		Reproduction
NOErC	OECD 201	0.95 mg/l	72 hours	Algae (Scenedesmus subspicatus)		Indicator of growth

12.2. Persistence and degradability

not available

Biodegradability

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Parameter	Method	Value	Exposure time	Environment	Result
			28 days		Easily biodegradable

Sulfuric acid, mono-C12-18-alkyl esters, sodium salts

Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301E	88-96 %			
	OECD 301B	64-96			
BCF		-2.1			

12.3. Bioaccumulative potential

not available

12.4. Mobility in soil

not available

Sulfuric acid, mono-C12-18-alkyl esters, sodium salts

Parameter	Method	Value
Log Kow	OECD 107	1.41

12.5. Results of PBT and vPvB assessment

not available

12.6. Endocrine disrupting properties

not available

12.7. Other adverse effects

not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

not available

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

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- 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**
not available
- 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. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, 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**
not available

SECTION 16: Other information

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

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
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.
P280	Wear eye 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.
P310	Immediately call a POISON CENTER/doctor.

Other important information about human health protection

not available

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 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

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EC50	Concentration of a substance when it is affected 50 % of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
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
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
LOAEL	Lowest observed adverse effect level
log Kow	Octanol-water partition coefficient
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
Ox. Sol.	Oxidising solid
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
Skin Irrit.	Skin irritation
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

not available

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.