

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : TG Mould Remover w/eucalyptus

Product code : L002-5, L002-750

UFI : 4GE0-60UQ-J00X-1NDE

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

1.3. Details of the supplier of the safety data sheet

Registered company name : TG-CLEAN A/S

Address : Værkstedsvej 24A, 4600 Køge

Telephone : +45 43 90 84 00

info@tg-clean.dk

1.4. Emergency telephone number : 01 45 42 59 59.

Association/Organisation : INRS.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin corrosion, Category 1A (Skin Corr. 1A, H314).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

May produce an allergic reaction (EUH208).

Hazardous to the aquatic environment - Acute hazard, Category 1 (Aquatic Acute 1, H400).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

Detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS09



GHS05

Signal Word :

DANGER

Product identifiers :

EC 231-668-3

HYPOCHLORITE DE SODIUM, SOLUTION CL ACTIF

EC 215-185-5

SODIUM HYDROXIDE

EC 931-292-6

OXYDE D'ALKYL DIMETHYLAMINE

Additional labeling :

EUH208

Contains EUCALYPTUS HE. May produce an allergic reaction.

Hazard statements :

H314

Causes severe skin burns and eye damage.

H400

Very toxic to aquatic life.

Precautionary statements - Prevention :

P264

Wash ... thoroughly after handling.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

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Precautionary statements - Response :

P301 + P330 + P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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/...

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 59 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances $\geq 0.1\%$ with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	Classification (EC) 1272/2008	Note	%
INDEX: 017_011_00_2 CAS: 7681-52-9 EC: 231-668-3 REACH: 01-2119488154-34-XXXX HYPOCHLORITE DE SODIUM, SOLUTION CL ACTIF	GHS05, GHS09, GHS07 Dgr Skin Corr. 1B, H314 STOT SE 3, H335 Aquatic Acute 1, H400 M Acute = 10 EUH031		$10 \leq x \% < 25$
INDEX: 011_002_00_6 CAS: 1310-73-2 EC: 215-185-5 REACH: 01-2119457892-27-XXXX SODIUM HYDROXIDE	GHS05 Dgr Met. Corr. 1, H290 Skin Corr. 1A, H314	[i]	$2.5 \leq x \% < 10$
INDEX: 609 CAS: 308062-28-4 EC: 931-292-6 REACH: 01-2119490061-47-XXXX OXYDE D'ALKYL DIMETHYLAMINE	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		$0 \leq x \% < 2.5$
INDEX: 283_406_2 CAS: 84625-32-1 EC: 283-406-2 EUCALYPTUS HE	GHS07, GHS09, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Chronic 2, H411	[ii]	$0 \leq x \% < 2.5$
INDEX: 001 CAS: 101-84-8 EC: 202-981-2 OXYDE DE PHENYLE	GHS07, GHS09 Wng Eye Irrit. 2, H319 Aquatic Chronic 3, H412 Aquatic Acute 1, H400 M Acute = 1	[i]	$0 \leq x \% < 2.5$

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Specific concentration limits:

Identification	Specific concentration limits	ATE
INDEX: 011_002_00_6 CAS: 1310-73-2 EC: 215-185-5 REACH: 01-2119457892-27-XXXX SODIUM HYDROXIDE	Skin Corr. 1A: H314 C _≥ 5% Skin Corr. 1C: H314 2% ≤ C < 5% Skin Irrit. 2: H315 0.5% ≤ C < 2% Eye Dam. 1: H318 C _≥ 2% Eye Irrit. 2: H319 0.5% ≤ C < 2%	
INDEX: 609 CAS: 308062-28-4 EC: 931-292-6 REACH: 01-2119490061-47-XXXX OXYDE D'ALKYL DIMETHYLAMINE		oral: ATE = 1064 mg/kg BW
INDEX: 283_406_2 CAS: 84625-32-1 EC: 283-406-2 EUCALYPTUS HE		oral: ATE = 3100 mg/kg BW
INDEX: 001 CAS: 101-84-8 EC: 202-981-2 OXYDE DE PHENYLE		oral: ATE = 2830 mg/kg BW

Information on ingredients :

(Full text of H-phrases: see section 16)

[i] Substance for which maximum workplace exposure limits are available.

[ii] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures

In the event of exposure by inhalation :

In the event of an allergic reaction, seek medical attention.

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin :

Remove any soiled or splashed clothing immediately.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

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SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

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SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- UK :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1310-73-2		2 mg/m ³			
101-84-8	1 ppm 7 mg/m ³	2 ppm 14 mg/m ³			

- European Union :

CAS	VME-mg/m ³ :	VME-ppm :	VLE-mg/m ³ :	VLE-ppm :	Notes :
101-84-8	7	1	14	2	-

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

OXYDE D'ALKYL DIMETHYLAMINE (CAS: 308062-28-4)

Final use:

Exposure method:
Potential health effects:
DNEL :

Man exposed via the environment.

Ingestion.
Long term systemic effects.
0.44 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Dermal contact.
Long term systemic effects.
5.5 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Long term systemic effects.
1.53 mg of substance/m³

SODIUM HYDROXIDE (CAS: 1310-73-2)

Final use:

Exposure method:
Potential health effects:
DNEL :

Workers.

Dermal contact.
Short term local effects.
2 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Short term local effects.
2 mg of substance/m³

Exposure method:
Potential health effects:
DNEL :

Inhalation.
Long term local effects.
1 mg of substance/m³

Final use:

Exposure method:
Potential health effects:
DNEL :

Consumers.

Inhalation.
Long term local effects.
1 mg of substance/m³

Predicted no effect concentration (PNEC):

OXYDE D'ALKYL DIMETHYLAMINE (CAS: 308062-28-4)

Environmental compartment: Soil.
PNEC : 1.02 mg/kg

Environmental compartment: Fresh water.

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PNEC :	0.0335 mg/l
Environmental compartment: PNEC :	Sea water. 0.00335 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 0.0335 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 5.24 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.524 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 24 mg/l
SODIUM HYDROXIDE (CAS: 1310-73-2)	
Environmental compartment: PNEC :	Soil. 0.72 mg/kg
Environmental compartment: PNEC :	Fresh water. 2.2 mg/l
Environmental compartment: PNEC :	Sea water. 0.22 mg/l
Environmental compartment: PNEC :	Waste water treatment plant. 43 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard ISO 16321.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

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Type of gloves recommended :

- Natural latex
- PVC (polyvinyl chloride)

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

Wear suitable protective clothing, in particular overalls and boots. These items must be kept in good condition and cleaned after use.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Physical state : Fluid liquid.

Colour

N/A

Odour

Odour threshold : Not stated.

Melting point

Melting point/melting range : Not specified.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not specified.

Flammability

Flammability (solid, gas) : Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

Flash point

Flash point interval : Not relevant.

Auto-ignition temperature

Self-ignition temperature : Not specified.

Decomposition temperature

Decomposition point/decomposition range : Not specified.

pH

pH : 13.00 +/-0.5.
Strongly basic.

pH (aqueous solution) : Not stated.

Kinematic viscosity

Viscosity : Not stated.

Solubility

Water solubility : Dilutable.

Fat solubility : Not stated.

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Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

Vapour pressure

Vapour pressure (50°C) : Not relevant.

Density and/or relative density

Density : 1.24

Relative vapour density

Vapour density : Not stated.

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- frost

10.5. Incompatible materials

Keep away from :

- acids

10.6. Hazardous decomposition products

No data available.

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure for up to three minutes.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

11.1.1. Substances**a) Acute toxicity :**

OXYDE DE PHENYLE (CAS: 101-84-8)

Oral route : LD50 = 2830 mg/kg body weight

EUCALYPTUS HE (CAS: 84625-32-1)

Oral route : LD50 = 3100 mg/kg body weight

OXYDE D'ALKYL DIMETHYLAMINE (CAS: 308062-28-4)

Oral route : LD50 = 1064 mg/kg body weight
Species : RatDermal route : LD50 > 2000 mg/kg body weight
Species : Rat

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SODIUM HYDROXIDE (CAS: 1310-73-2)

Oral route : LD50 > 500 mg/kg body weight
Species : Rabbit

HYPOCHLORITE DE SODIUM, SOLUTION....% CL ACTIF (CAS: 7681-52-9)

Oral route : LD50 > 2000 mg/kg body weight
Species : Rat

Dermal route : LD50 > 2000 mg/kg body weight
Species : Rabbit

b) Skin corrosion/skin irritation :

No data available.

c) Serious damage to eyes/eye irritation :

No data available.

d) Respiratory or skin sensitisation :

No data available.

e) Germ cell mutagenicity :

No data available.

f) Carcinogenicity :

No data available.

g) Reproductive toxicant :

No data available.

h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

No data available.

j) Aspiration hazard :

No data available.

11.1.2. Mixture

a) Acute toxicity :

No data available.

b) Skin corrosion/skin irritation :

Corrosive classification is based on an extreme pH value.

c) Serious damage to eyes/eye irritation :

No data available.

d) Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

e) Germ cell mutagenicity :

No data available.

f) Carcinogenicity :

No data available.

g) Reproductive toxicant :

No data available.

h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

No data available.

j) Aspiration hazard :

No data available.

11.1.2.2 Other information

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11.2. Information on other hazards

SECTION 12 : ECOLOGICAL INFORMATION

Very toxic to aquatic organisms.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.1. Substances

SODIUM HYDROXIDE (CAS: 1310-73-2)

Fish toxicity : LC50 = 45.5 mg/l
Species : Oncorhynchus mykiss
Duration of exposure : 96 h

Crustacean toxicity : EC50 < 240 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

OXYDE D'ALKYL DIMETHYLAMINE (CAS: 308062-28-4)

Fish toxicity : LC50 = 2.67 mg/l
Duration of exposure : 96 h
Duration of exposure : 35 days

Crustacean toxicity : EC50 = 3.1 mg/l
Species : Daphnia magna
Duration of exposure : 48 h
Species : Daphnia magna
Duration of exposure : 21 days

Algae toxicity : ECr50 = 0.146 mg/l
Duration of exposure : 72 h

HYPOCHLORITE DE SODIUM, SOLUTION...% CL ACTIF (CAS: 7681-52-9)

Fish toxicity : LC50 = 0.06 mg/l
Factor M = 10
Species : Salmo gairdneri
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 2.1 mg/l
Species : Daphnia magna
Duration of exposure : 96 h

Algae toxicity : ECr50 = 28 mg/l
Species : Desmodesmus subspicatus
Duration of exposure : 72 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

OXYDE D'ALKYL DIMETHYLAMINE (CAS: 308062-28-4)

Biodegradability : Rapidly degradable.

SODIUM HYDROXIDE (CAS: 1310-73-2)

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Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

HYPOCHLORITE DE SODIUM, SOLUTION....% CL ACTIF (CAS: 7681-52-9)

Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances

OXYDE D'ALKYL DIMETHYLAMINE (CAS: 308062-28-4)

Octanol/water partition coefficient : log K_{ow} = 2.7

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2023 - IMDG 2020 [40-20] - ICAO/IATA 2023 [64]).

14.1. UN number or ID number

3266

14.2. UN proper shipping name

UN3266=CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.

(hypochlorite de sodium, solution cl actif, sodium hydroxide)

14.3. Transport hazard class(es)

- Classification :



8

14.4. Packing group

II

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14.5. Environmental hazards

- Environmentally hazardous material :



14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	8	C5	II	8	80	1 L	274	E2	2	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	8	-	II	1 L	F-A. S-B	274	E2	Category B SW2	SGG18 SG35

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	8	-	II	851	1 L	855	30 L	A3 A803	E2
	8	-	II	Y840	0.5 L	-	-	A3 A803	E2

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

Marine pollutant (IMDG 3.1.2.9):(hypochlorite de sodium, solution cl actif)

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15 : REGULATORY INFORMATION

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

Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

Container information:

No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):
<https://echa.europa.eu/substances-restricted-under-reach>.

Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

Particular provisions :

No data available.

Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- less than 5 % : amphoteric surfactants
 - perfumes

Persistent organic pollutants (POP) (Regulation (EU) 2019/1021):

The mixture does not contain a persistent organic pollutant.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child .
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH031	Contact with acids liberates toxic gas.

Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE : Acute Toxicity Estimate

BW : Body Weight

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

CMR: Carcinogenic, mutagenic or reprotoxic.

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS05 : Corrosion

GHS09 : Environment

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.