PROGRESS

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Date of revision : 6/11/2025 Version : 1.0

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

1.1. Product identifier

Product form	:	Mixture
Product name	:	PROGRESS
Product code	:	303012-303032
Type of product	:	Detergent.
Product group	:	Trade product

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

1.2.1. Relevant identified uses

Main use category	:	Product for professional use.
Use of the substance/mixture	:	Multi-purpose cleaner

1.2.2. Uses advised against

Title	Use descriptors	Reason
Not suitable for consumer use		

1.3. Details of the supplier of the safety data sheet

IPC

10 Quai Malbert

29200 BREST France

Tél : +33(0)2.98.43.45.44 - Fax : +33 (0)2.98.44.22.53

ipc@groupe-ipc.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Europe	The European emergency number		112	
France	Centre Antipoison et de Toxicovigilance de Nancy - Base Nationale Produits et Compositions Hôpital Central	29 avenue du Maréchal de Lattre-de-Tassigny 54035 Nancy Cedex	+33 3 83 22 50 50	
France	ORFILA		+33 (0)1 45 42 59 59	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP]

Skin Corr. 1	H314
Eye Dam. 1	H318

Full text of hazard classes, H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS05

Signal word (CLP) : Danger

Contains : disodium metasilicate; potassium hydroxide; caustic potash

Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP) : P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
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, a doctor.
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP]
disodium metasilicate	CAS-No.: 6834-92-0 EC no: 229-912-9 EC Index-No.: 014-010-00-8 REACH-no: 01-2119449811-37	≥ 1 – < 5	Met. Corr. 1, H290 Skin Corr. 1B, H314 STOT SE 3, H335
ethanol; ethyl alcohol substance with national workplace exposure limit(s) (FR)	CAS-No.: 64-17-5 EC no: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-43	≥ 1 – < 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319

potassium hydroxide; caustic potash substance with national workplace exposure limit(s) (FR)	CAS-No.: 1310-58-3 EC no: 215-181-3 EC Index-No.: 019-002-00-8 REACH-no: 01-2119487136-33	≥ 1 – < 5	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 (ATE=333 mg/kg bodyweight) Skin Corr. 1A, H314
d-glucopyranose, oligomeric, C10-C16 alkyl glycosides	CAS-No.: 110615-47-9 EC no: 600-975-8 REACH-no: 01-2119489418-23	≥ 1 – < 5	Skin Irrit. 2, H315 Eye Dam. 1, H318
SODIUM ETHYLHEXYL SULFATE	CAS-No.: 126-92-1 EC no: 204-812-8 REACH-no: 01-2119971586-23	≥ 1 – < 5	Skin Irrit. 2, H315 Eye Dam. 1, H318

Specific concentration limits:

Name	Product identifier	Specific concentration limits
ethanol; ethyl alcohol	CAS-No.: 64-17-5 EC no: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610-43	(50 ≤ C < 100) Eye Irrit. 2; H319
potassium hydroxide; caustic potash	CAS-No.: 1310-58-3 EC no: 215-181-3 EC Index-No.: 019-002-00-8 REACH-no: 01-2119487136-33	(0.5 ≤ C < 2) Eye Irrit. 2; H319 (0.5 ≤ C < 2) Skin Irrit. 2; H315 (2 ≤ C < 5) Skin Corr. 1B; H314 (5 ≤ C ≤ 100) Skin Corr. 1A; H314
d-glucopyranose, oligomeric, C10-C16 alkyl glycosides	CAS-No.: 110615-47-9 EC no: 600-975-8 REACH-no: 01-2119489418-23	(12 ≤ C < 100) Eye Dam. 1; H318 (12 ≤ C < 100) Skin Irrit. 2; H315
SODIUM ETHYLHEXYL SULFATE	CAS-No.: 126-92-1 EC no: 204-812-8 REACH-no: 01-2119971586-23	(10 ≤ C < 20) Eye Irrit. 2; H319 (20 ≤ C < 100) Eye Dam. 1; H318

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First aid measures : INTERVENE VERY QUICKLY - SEEK MEDICAL ATTENTION - NEVER GIVE SOMETHING TO DRINK OR INDUCE VOMITING IF THE PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

After inhalation : Remove to fresh air, equipped with a suited respiratory protection. Allow the affected person to rest. Keep warm (blanket). If breathing is difficult, give oxygen (by an authorised person). If not breathing, give artificial respiration. Seek medical attention immediately.

After skin contact : Immediately wash with plenty of water during 15 minutes minimum. Remove contaminated clothing and shoes. Seek medical attention immediately.

After eye contact : Immediately flush eyes with ocular solution or with water for at least 15 minutes while holding eyelids open. Remove contact lenses, if possible. Contact ophthalmologist immediately.

After swallowing : DO NOT INDUCE VOMITING because of corrosive effects. If victim completely conscious/alert. Rinse mouth. Never give anything by mouth to an unconscious person. Plan immediately a transport towards a hospital center.

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

- Inhalation : Corrosive to respiratory system. May cause irritation of the linings of the mouth, throat, and gastrointestinal tract. Cough and difficulty in breathing. Nose bleeds.
- Skin contact : Corrosive to skin. Causes severe burns. Cause-may ulcers. They have a slowly cure.
- Eye contact : Corrosive to eyes. Causes severe burns. Risk of serious permanent damages to eyes if the product is not rapidely removed.
- Ingestion : Serious burn of the linings of the mouth, throat, and gastrointestinal tract. Abdominal pain, nausea. Vomiting. Risk of perforation of the gastrointestinal tract accompanied by shock.

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 : Use extinguishing media appropriate for surrounding fire. Water spray. Product resistant foam. Dry chemical powder. Carbon dioxide. Use sand only to extinguish little fires.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Specific hazards : The dilution and neutralization are exothermics.

Explosion hazard : Emits hydrogen gas by contact with metals, flammable and explosive gas.

Hazardous reactions : Dangers linked to exothermic reactions. Violent Reaction during a water addition on a concentrated base.

General measures : Non-flammable product. Exercise caution when fighting any chemical fire.

5.3. Advice for firefighters

Firefighting instructions : Evacuate the danger area. Only allow access to duly equipped emergency personnel. If possible, stop leaks.

Protection during firefighting : Wear protective clothing and self-contained breathing apparatus.

Other information : Disperse gas / vapour with sprayed water. Approach the hazard downwind. Cool containers exposed to fire. Collect contaminated extinction water separately and do not allow it to enter pipes or sewers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Non-flammable product. Exercise caution when fighting any chemical fire.

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing, gloves and eye/face protection. Wear a recommended breathing apparatus. Avoid all unnecessary exposure. Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray.

Emergency procedures : If the spillage occurs on a public highway, indicate the danger and notify local authorities. Ensure that the area is well ventilated. Evacuate the hazardous area.

6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye/face protection. For selection of breathing equipment, see chapter 8.

Emergency procedures	:	If the spillage occurs on a public highway, indicate the danger and notify local authorities. Stop the leak. Evacuate the danger zone. Approach the danger downwind. Disperse gases/vapours with sprayed water. Move incompatible materials and products aside.

6.2. Environmental precautions

Confine and contain the spillage. Prevent any environmental discharge (sewers, rivers, ground).Immediately notify relevant authorities in case of significant spillage. Pump into an appropriate reserve tank.

6.3. Methods and material for containment and cleaning up

For containment	:	Confine the product for collection or absorption with appropriate material. Stop leaks, where possible without risk to personnel.
Methods for cleaning up	:	Clean up any spills as soon as possible, using an absorbent material to collect it. Limited spillage: Absorb or soak up liquid with sand, earth or any material which limits any spread of the liquid. Place the leaking containers in a labelled drum or overdrum. Collect in a labelled, closed container, for subsequent safe disposal. Wash the contaminated area with large quantities of water. Store washing water as contaminated waste. Small quantities can be diluted in big water (> 100 times) before discharge. Large spills : Neutralize with a diluted acid (risk of reaction exothermic and projections with a concentrated acid). Do not dispose of into sewer or watercourses before neutralization. Absorb with an appropriate material. Sweep or shovel spills into appropriate container for disposal. After collecting the spills, clean up with water. Consider this cleaning water as any other contaminated waste.
Other information	:	Prevent from entering drains, ground and drinking water. Contact a specialist for the possible destruction/collection of the collected product. Follow local regulations concerning destruction of the product.

6.4. Reference to other sections

Refer to chapter 8 relating to exposure controls and personal protection equipment and chapter 13 relating to disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Never pour water into the product but product into water. Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Avoid all unnecessary exposure. Avoid contact with skin and eyes. Do not breathe gas, fumes, vapour or spray. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work. Frequent wash of grounds and equipments. Wash clothing before re-using. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Personnel must be warned of the dangers of the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	:	Provide watertight, corrosion-resistant electrical installations. Water supply point nearby. Containment basin under tanks. Personnel must be warned of the dangers of the product. Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Rinse eyes and safety showers must be available near any zone containing risks of exposure.
Storage conditions	:	Store in dry, cool, well-ventilated area. Store in original closed container. Keep away from direct sunlight. Keep away from: Acids. Is sensitive to the frost.

Incompatible products	:	Oxidizer. Exothermic Reaction with risks of projection when adding water on the concentrated product. Acids (the dilution and neutralization are exothermics).
Incompatible materials	:	Light metals.
Storage temperature	:	5 – 40 °C
Packaging materials	:	Advised : specific plastics (PVC - PE), glass, stratified polyester, covered steel. Polypropylene. Stainless steel. Mild steel.

7.3. Specific end use(s)

For specific uses, contact the supplier.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

potassium hydroxide; caustic potash (1310-58-3)	
France - Occupational Exposure Limits	
Local name	Potassium (hydroxyde de)
VLE (OEL C/STEL)	2 mg/m³
Remark	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 6443, 2022; Outil65)

ethanol; ethyl alcohol (64-17-5)	
France - Occupational Exposure Limits	
Local name	Alcool éthylique
VME (OEL TWA)	1900 mg/m³
	1000 ppm
VLE (OEL C/STEL)	9500 mg/m³
	5000 ppm
Remark	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 6443, 2022; Outil65)

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

disodium metasilicate (6834-92-0)		
DNEL/DMEL (Workers)		
Worker DNEL: Inhalation - Short-term Exposure	Systemic effects	6.22 mg/m³

Worker DNEL: Skin contact - Short-term Exposure	Systemic effects	1.49 mg/kg bodyweight/day

PNEC (Water)	
PNEC freshwater	7.5 mg/l
PNEC marine water	1 mg/l
PNEC (STP)	
PNEC sewage treatment plant	1000

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:
Have occupational exposure of employees assessed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.2.2. Personal protection equipment

Personal protective equipment:
Corrosionproof clothing. Gloves. Safety glasses. Boots/safety shoes.

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

- Eye protection:
Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.

- Eye protection			
Type	**Field of application**	**Characteristics**	**Standard**
Face shield	Droplet	With side shields	EN 166
Safety glasses	Droplet	With side shields	EN 166

8.2.2.2. Skin protection

- Skin protection:
When skin contact is possible, protective clothing including gloves, apron, sleeves, boots, head and face protection must be worn.

- Hand protection:
Wear suitable gloves resistant to chemical penetration.

Other skin protection

Materials for protective clothing:
Example: Rubber. polythene. Compatibility of gloves and clothing with the product must be verified with the supplier.

8.2.2.3. Respiratory protection

- Respiratory protection:
If the ventilation is insufficient, to wear an appropriate respiratory system. Use combined respiratory protection type. E. P3

- Respiratory protection			
Device	**Filter type**	**Condition**	**Standard**
Aerosol mask	Filter E (yellow), Type P3	Protection for Liquid particles	

8.2.2.4. Thermal hazards

Thermal hazard protection:
In case of thermic decomposition, wear an self contained breathing protection apparatus.

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	dark yellow.
Appearance	:	Limpid liquid
Odour	:	characteristic.
Odour threshold	:	Not available
Melting point	:	Not available
Freezing point	:	Not available
Boiling point	:	Not available
Flammability	:	Not available
Explosive limits	:	Not available
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	> 62 °C
Auto-ignition temperature	:	Not available
Decomposition point	:	Not available
pH value	:	13
pH value in distilled water	:	10.8
Viscosity, kinematic	:	Not available
Solubility	:	Soluble.
Log Kow	:	Not available
Vapour pressure	:	Not available
Vapour pressure at 50°C	:	Not available
Density	:	1.08
Relative density	:	Not available
Relative vapour density at 20°C	:	Not available
Particle size	:	Not applicable
Particle size distribution	:	Not applicable
Particle shape	:	Not applicable
Particle aspect ratio	:	Not applicable
Particle aggregation state	:	Not applicable
Particle agglomeration state	:	Not applicable
Particle specific surface area	:	Not applicable

Particle dustiness : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Dangers linked to exothermic reactions. Violent Reaction during a water addition on a concentrated base.

10.2. Chemical stability

Chemically stable under normal conditions of industrial use. The sodium hydroxide slowly decomposes by carbonation at the contact of the carbon dioxide from the air.

10.3. Possibility of hazardous reactions

Strong exothermic reaction when adding water on the concentrated product. Strong exothermic reaction with acids. Reaction with the oxidizing agents. reacts with metals with release of hydrogen flammable gaseous.

10.4. Conditions to avoid

Heat and sunlight. Contact with metallic substances.

10.5. Incompatible materials

Reacts violently with : Water. Metals. Acids.

10.6. Hazardous decomposition products

Contact with metals produces hydrogen gas which may form explosive mixtures with air. Thermal decomposition generates toxic vapours.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

disodium metasilicate (6834-92-0)	
Rat oral LD50	1150 (1150 – 1350) mg/kg
dermal rat LD50	> 5000 mg/kg bw/day
Rat inhalation LC50	2.06 g/m³
potassium hydroxide; caustic potash (1310-58-3)	
Rat oral LD50	333 (333 – 388) mg/kg
d-glucopyranose, oligomeric, C10-C16 alkyl glycosides (110615-47-9)	
Rat oral LD50	> 5000 mg/kg
dermal rat LD50	> 2000 mg/kg

SODIUM ETHYLHEXYL SULFATE (126-92-1)	
Rat oral LD50	> 2840 mg/kg
dermal rat LD50	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
Rabbit dermal LD50	> 2000 mg/kg

ethanol; ethyl alcohol (64-17-5)	
Rat oral LD50	10470 (6200 – 15000) ml/kg
Rabbit dermal LD50	> 2000 mg/kg
Rat inhalation LC50	124.7 mg/l

Skin corrosion/irritation : Causes severe skin burns.
pH value: 13

Serious eye damage/irritation : Causes serious eye damage.
pH value: 13

Respiratory or skin sensitisation : Not classified

CMR Informations:

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

disodium metasilicate (6834-92-0)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

disodium metasilicate (6834-92-0)	
NOAEL (oral, rat, 90 days)	227 mg/kg bodyweight/day

SODIUM ETHYLHEXYL SULFATE (126-92-1)	
LOAEL (oral, rat, 90 days)	1016 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (oral, rat, 90 days)	488 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Aspiration hazard : Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

- Effects on the environment : The risks to the aquatic environment are related to the alkalinization of the environment by increase of pH.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

disodium metasilicate (6834-92-0)	
LC50-96 hr - fish	210 mg/l Brachydanio rerio (zebra-fish)
EC50-48 h - Daphnia magna	1700 mg/l Daphnia magna
EC50-72 h - alga	207 mg/l Scenedesmus subspicatus
ErC50 (algae)	> 345.4 mg/l Scenedesmus subspicatus

potassium hydroxide; caustic potash (1310-58-3)	
LC50-96 hr - fish	179 mg/l Pimephales promelas
LC50-24 hr - fish	80 mg/l
EC50-24 h - Daphnia Magna	270 mg/l

d-glucopyranose, oligomeric, C10-C16 alkyl glycosides (110615-47-9)	
LC50-96 hr - fish	2.95 mg/l Scophthalmus maximus
EC50-48 h - Daphnia magna	7 mg/l Acartia tonsa
EC50-72 h - alga	19.3 mg/l Skeletonema costatum
NOEC chronic crustacea	2 (1 – 4) mg/l 21 days, Daphnia magna

SODIUM ETHYLHEXYL SULFATE (126-92-1)	
LC50-96 hr - fish	> 100 mg/l Oncorhynchus mykiss
EC50-48 h - Daphnia magna	483 mg/l
EC50-72 h - alga	> 511 mg/l
EC50 72h - Algae [1]	> 511 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	511 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	6.86 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	1.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	> 1.357 mg/l
NOEC chronic algae	1.4 mg/l

ethanol; ethyl alcohol (64-17-5)	
LC50-96 hr - fish	15300 mg/l Pimephales promelas
LC50-24 hr - fish	> 11200 mg/l Salmo gairdneri
EC50-48 h - Daphnia magna	12340 mg/l Daphnia Magna
EC50-24 h - Daphnia Magna	858 mg/l Artemia salina
EC50-72 h - alga	275 mg/l Clorella vulgaris

12.2. Persistence and degradability

disodium metasilicate (6834-92-0)	
Persistence and degradability	Non pertinent. (Inorganic product).
potassium hydroxide; caustic potash (1310-58-3)	
Persistence and degradability	Not applicable.
d-glucopyranose, oligomeric, C10-C16 alkyl glycosides (110615-47-9)	
Persistence and degradability	Readily biodegradable.
SODIUM ETHYLHEXYL SULFATE (126-92-1)	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 60 % 28 days
ethanol; ethyl alcohol (64-17-5)	
Persistence and degradability	Quick degradation in water.

12.3. Bioaccumulative potential

disodium metasilicate (6834-92-0)	
Bioaccumulative potential	Would not be bioaccumulative.
potassium hydroxide; caustic potash (1310-58-3)	
Bioaccumulative potential	Does not exhibit bioaccumulation.
SODIUM ETHYLHEXYL SULFATE (126-92-1)	
Log P octanol / water at 20°C	< 4
Bioaccumulative potential	Bioaccumulation Factor is low.
ethanol; ethyl alcohol (64-17-5)	
Log P octanol / water at 20°C	-0.32
Bioaccumulative potential	Not bioaccumulable.

12.4. Mobility in soil

disodium metasilicate (6834-92-0)	
- on soil	Water solution. Very high potential for mobility in soil.
potassium hydroxide; caustic potash (1310-58-3)	
- on soil	Very high potential for mobility in soil.
SODIUM ETHYLHEXYL SULFATE (126-92-1)	
- on soil	Very high potential for mobility in soil.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point. Disposal must be carried out in accordance with legislation in force. This material should not be landfilled in sewers, rivers. The small quantities can be diluted in big water (> 100 times) before discharge.

Sewage disposal recommendations : Do not pour down drains. Do not pour into surface water.

Waste disposal recommendations : After last use, the packing should be totally empty and closed. Wash with plenty of water and neutralize before disposal. Re-use is possible after washing and decontamination. When the packing is consigned, it should be brought back by the supplier.

Additional information : The attention of the user is attracted to the possible existence of constraints and local prescriptions, relative to the elimination, concerning the product. The elimination must be made in agreement with the local, regional or national legislation.

SECTION 14: Transport information

In accordance with ADR / IMDG

ADR	IMDG
14.1. UN number or ID number	
UN 1719	UN 1719
14.2. UN proper shipping name	
CAUSTIC ALKALI LIQUID, N.O.S.	CAUSTIC ALKALI LIQUID, N.O.S.
Transport document description	
UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (), 8, II, (E)	UN 1719 CAUSTIC ALKALI LIQUID, N.O.S., 8, II
14.3. Transport hazard class(es)	
8	8
	
14.4. Packing group	
II	II

14.5. Environmental hazards

Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No

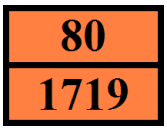
No supplementary information available

14.6. Special precautions for user

Special transport precautions : Comply with current transport regulations, including those relating to dangerous goods (ADR/RID, IATA/OACI, IMDG). In the event of an accident, refer to chapters 4, 5, 6 and 7 of this Safety Data Sheet and to written transport instructions where applicable.

Overland transport

Classification code (UN) : C5
Special provisions (ADR) : 274
Limited quantities (ADR) : 1l
Excepted quantities (ADR) : E2
Packing instructions (ADR) : P001, IBC02
Mixed packing provisions (ADR) : MP15
Portable tank and bulk container instructions (ADR) : T11
Portable tank and bulk container special provisions (ADR) : TP2, TP27
Tank code (ADR) : L4BN
Vehicle for tank carriage : AT
Transport category (ADR) : 2
Hazard identification number (Kemler No.) : 80
Orange plates :



Tunnel restriction code : E

Transport by sea

Special provisions (IMDG) : 274
Limited quantities (IMDG) : 1 L
Excepted quantities (IMDG) : E2
Packing instructions (IMDG) : P001
IBC packing instructions (IMDG) : IBC02
Tank instructions (IMDG) : T11
Tank special provisions (IMDG) : TP2, TP27
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Stowage category (IMDG) : A
Segregation (IMDG) : SGG18, SG22, SG35
Properties and observations (IMDG) : Corrosive to aluminium, zinc and tin. Reacts violently with acids. Reacts with ammonium salts, evolving ammonia gas. Causes burns to skin, eyes and mucous membranes.

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

15.1.1. EU-Regulations

EU restriction list (REACH Annex XVII)		
Reference code	**Applicable on**	**Entry title or description**
3(b)	d-glucopyranose, oligomeric, C10-C16 alkyl glycosides ; ethanol; ethyl alcohol	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(a)	ethanol; ethyl alcohol	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
40.	ethanol; ethyl alcohol	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

Contains no REACH (SVHC) candidate substance

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

The organic components of this mixture respect the biodegradability criteria defined in the European regulation EC/648/2004 31/03/2004 on detergents.

Detergent Regulation (648/2004/EC): Labelling of contents:	
Component	**%**
non-ionic surfactants, anionic surfactants, Aliphatic hydrocarbons	<5%

15.1.2. National regulations

France	
Occupational diseases	
Code	**Description**
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

All chapters.

Further information : The content and format of this MSDS are in accordance with regulation (EC) no. 1907/2006 of the European Parliament and Council of 18 December 2006 concerning the registration, evaluation, authorisation and restriction of Chemicals as well as the restrictions applicable to these substances (REACH).

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation