**MOTO WASH 1LX12 IPONE REF 800670 - A18410**

# 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 : MOTO WASH 1LX12 IPONE REF 800670

Product code : A18410.

UFI : A2FH-W9C0-T203-YT85

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

Detergent

### 1.3. Details of the supplier of the safety data sheet

Registered company name : IPONE.

Address : La Meunière .13480.CABRIES .FRANCE.

Telephone : +33 (0)4 42 94 05 65. Fax : +33 (0)4 42 94 05 66.

info@ipone.fr

### 1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA http://www.centres-antipoison.net.

## 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 1C (Skin Corr. 1C, H314).

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

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

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

### 2.2. Label elements

Detergent mixture (see section 15).

Mixture for spray application.

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

Hazard pictograms :



GHS05

Signal Word :

DANGER

Product identifiers :

| | |
|---|---|
| EC 500-234-8 | TA-A / ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS |
| 014-010-00-8 | DISODIUM METASILICATE |

Hazard statements :

| | |
|---|---|
| H314 | Causes severe skin burns and eye damage. |

Precautionary statements - General :

| | |
|---|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |

Precautionary statements - Prevention :

| | |
|---|---|
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

Precautionary statements - Response :

| | |
|---|---|
| P301 + P330 + P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| 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/... |

Precautionary statements - Disposal :

P501 Dispose of contents/container according to the local rules.

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 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> = 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 | (EC) 1272/2008 | Note | % |
|---|---|---|---|
| INDEX: I34590_94_8<br>CAS: 34590-94-8<br>EC: 252-104-2<br>REACH: 01-2119450011-60<br><br>DIPROPYLENE GLYCOL MONOMETHYL ETHER | | [1] | 2.5 <= x % < 10 |
| INDEX: 603-064-00-3<br>CAS: 107-98-2<br>EC: 203-539-1<br>REACH: 01-2119457435-35<br><br>1-METHOXY-2-PROPANOL | GHS02, GHS07<br>Wng<br>Flam. Liq. 3, H226<br>STOT SE 3, H336 | [1] | 2.5 <= x % < 10 |
| INDEX: A04272/01<br>CAS: 68439-51-0<br>REACH: POLYMER<br><br>LAURYLMYRISTYL POLYGLYCOL ETHER | GHS07<br>Wng<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412 | | 0 <= x % < 2.5 |
| INDEX: 68891_383A<br>CAS: 68891-38-3<br>EC: 500-234-8<br>REACH: 01-2119488639-16<br><br>TA-A / ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS | GHS05<br>Dgr<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412 | | 0 <= x % < 2.5 |
| INDEX: 014-010-00-8<br>CAS: 6834-92-0<br>EC: 229-912-9<br>REACH: 01-2119449811-37<br><br>DISODIUM METASILICATE | GHS05, GHS07<br>Dgr<br>Skin Corr. 1B, H314<br>STOT SE 3, H335 | | 0 <= x % < 2.5 |

**Specific concentration limits:**

| Identification | Specific concentration limits | ATE |
|---|---|---|
| INDEX: 68891_383A<br>CAS: 68891-38-3<br>EC: 500-234-8<br>REACH: 01-2119488639-16<br><br>TA-A / ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS | Skin Irrit. 2: H315 >=10%<br>Eye Dam. 1: H318 C>= 10%<br>Eye Irrit. 2: H319 5% <= C < 10% | |

**Information on ingredients :**

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

Substances may not have a REACH Registration No.. because they are manufactured / imported in quantities less than 1 ton / year, or they are complex substances or they are exempted from registration under REACH.

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

## 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 :**

Consult doctor if symptoms develop.

**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.

If the contaminated aera 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

**Specific and immediate treatment :**

No data available.

**Information for the doctor :**

No data available.

## SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

### 5.1. Extinguishing media

**Suitable methods of extinction**

$CO_2$, powder of extinction or pulverized water.

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

### 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.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide ($CO_2$)

### 5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 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

Neutralise with an acidic decontaminant.

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

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

See Section 7 for information on safe handling.

## 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

Store receptacle in a well ventilated area.

Store in cool, dry conditions in well sealed receptacles.

**Storage**

Keep out of reach of children.

**Packaging**

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

### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

**Occupational exposure limits :**

- European Union (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

| CAS | VME-mg/m3 : | VME-ppm : | VLE-mg/m3 : | VLE-ppm : | Notes : |
|---|---|---|---|---|---|
| 34590-94-8 | 308 | 50 | - | - | Peau |
| 107-98-2 | 375 | 100 | 568 | 150 | Peau |

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---|---|---|---|---|---|
| 34590-94-8 | 100 ppm | 150 ppm | | Skin | |
| 107-98-2 | 100 ppm | 150 ppm | | | |

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

| CAS | VME : | VME : | Excess | Notes |
|---|---|---|---|---|
| 34590-94-8 | | 50 ppm<br>310 mg/m³ | | 1(I) |
| 107-98-2 | | 100 ppm<br>370 mg/m³ | | 2(I) |

- Belgium (Royal decree of 11/05/2021) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---|---|---|---|---|---|
| 34590-94-8 | 50 ppm<br>308 mg/m³ | | | D | |
| 107-98-2 | 50 ppm<br>184 mg/m³ | 100 ppm<br>369 mg/m³ | | D | |

- France (INRS - Outils 65 / 2021-1849, 2021-1763, decree of 09/12/2021) :

| CAS | VME-ppm : | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 : | Notes : | TMP No : |
|---|---|---|---|---|---|---|
| 34590-94-8 | 50 | 308 | - | - | * | 84 |
| 107-98-2 | 50 | 188 | 100 | 375 | * | 84 |

- Spain (Instituto Nacional de Seguridad e Higiene en el Trabajo (INSHT), 2019) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---|---|---|---|---|---|
| 34590-94-8 | 100 ppm | 150 ppm | | Skin | |
| 107-98-2 | 100 ppm<br>375 mg/m³ | 150 ppm<br>568 mg/m³ | | via dermica.<br>VLI | |

- Italy (Decree, 26/02/2004) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---|---|---|---|---|---|
| 34590-94-8 | 50 ppm<br>308 mg/m3 | | | Pelle | |
| 107-98-2 | 100 ppm<br>375 mg/m3 | 150 ppm<br>568 mg/m3 | | Pelle | |

- Switzerland (Suva 2021) :

| CAS | VME | VLE | Valeur plafond | Notations |
|---|---|---|---|---|
| 34590-94-8 | 50 ppm<br>300 mg/m³ | 50 ppm<br>300 mg/m³ | | |
| 107-98-2 | 100 ppm<br>360 mg/m³ | 200 ppm<br>720 mg/m³ | | |

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---|---|---|---|---|---|
| 34590-94-8 | 50 ppm<br>308 mg/m³ | | | Sk | |
| 107-98-2 | 100 ppm<br>375 mg/m³ | 150 ppm<br>560 mg/m³ | | Sk | |

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

TA-A / ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)

**Final use:** **Workers.**
Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 2750 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term local effects.
DNEL : 132 µg of substance/cm2

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 175 mg of substance/m3

**Final use:** **Consumers.**
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 15 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 1650 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term local effects.

| | |
|---|---|
| DNEL : | 79 µg of substance/cm2 |
| Exposure method: | Inhalation. |
| Potential health effects: | Long term systemic effects. |
| DNEL : | 52 mg of substance/m3 |

1-METHOXY-2-PROPANOL (CAS: 107-98-2)

| | |
|---|---|
| **Final use:** | **Workers.** |
| Exposure method: | Dermal contact. |
| Potential health effects: | Long term systemic effects. |
| DNEL : | 183 mg/kg body weight/day |
| Exposure method: | Inhalation. |
| Potential health effects: | Long term systemic effects. |
| DNEL : | 269 mg of substance/m3 |
| Exposure method: | Inhalation. |
| Potential health effects: | Short term systemic effects. |
| DNEL : | 553.5 mg of substance/m3 |
| Exposure method: | Inhalation. |
| Potential health effects: | Short term local effects. |
| DNEL : | 553.5 mg of substance/m3 |
| **Final use:** | **Consumers.** |
| Exposure method: | Dermal contact. |
| Potential health effects: | Long term systemic effects. |
| DNEL : | 78 mg/kg body weight/day |
| Exposure method: | Inhalation. |
| Potential health effects: | Long term systemic effects. |
| DNEL : | 43.9 mg of substance/m3 |

DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS: 34590-94-8)

| | |
|---|---|
| **Final use:** | **Workers.** |
| Exposure method: | Dermal contact. |
| Potential health effects: | Long term systemic effects. |
| DNEL : | 283 mg/kg body weight/day |
| Exposure method: | Inhalation. |
| Potential health effects: | Long term systemic effects. |
| DNEL : | 308 mg of substance/m3 |
| **Final use:** | **Consumers.** |
| Exposure method: | Ingestion. |
| Potential health effects: | Long term systemic effects. |
| DNEL : | 36 mg/kg body weight/day |
| Exposure method: | Dermal contact. |
| Potential health effects: | Long term systemic effects. |
| DNEL : | 121 mg/kg body weight/day |
| Exposure method: | Inhalation. |
| Potential health effects: | Long term systemic effects. |
| DNEL : | 37.2 mg of substance/m3 |

**Predicted no effect concentration (PNEC):**

TA-A / ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)

| | |
|---|---|
| Environmental compartment: | Soil. |
| PNEC : | 7.5 mg/kg |
| Environmental compartment: | Fresh water. |
| PNEC : | 0.24 mg/l |
| Environmental compartment: | Sea water. |
| PNEC : | 0.024 mg/l |
| Environmental compartment: | Intermittent waste water. |
| PNEC : | 0.071 mg/l |
| Environmental compartment: | Fresh water sediment. |
| PNEC : | 0.917 mg/kg |
| Environmental compartment: | Marine sediment. |
| PNEC : | 0.092 mg/kg |
| Environmental compartment: | Waste water treatment plant. |
| PNEC : | 10 g/l |

1-METHOXY-2-PROPANOL (CAS: 107-98-2)

| | |
|---|---|
| Environmental compartment: | Soil. |
| PNEC : | 4.59 mg/kg |
| Environmental compartment: | Fresh water. |
| PNEC : | 10 mg/l |
| Environmental compartment: | Sea water. |
| PNEC : | 1 mg/l |
| Environmental compartment: | Intermittent waste water. |
| PNEC : | 100 mg/l |
| Environmental compartment: | Fresh water sediment. |
| PNEC : | 52.3 mg/kg |
| Environmental compartment: | Marine sediment. |
| PNEC : | 5.2 mg/kg |
| Environmental compartment: | Waste water treatment plant. |
| PNEC : | 100 mg/l |

DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS: 34590-94-8)

| | |
|---|---|
| Environmental compartment: | Soil. |
| PNEC : | 2.74 mg/kg |
| Environmental compartment: | Fresh water. |
| PNEC : | 19 mg/l |
| Environmental compartment: | Sea water. |
| PNEC : | 1.9 mg/l |
| Environmental compartment: | Intermittent waste water. |
| PNEC : | 190 mg/l |
| Environmental compartment: | Fresh water sediment. |

| | |
|---|---|
| PNEC : | 70.2 mg/kg |
| Environmental compartment: | Marine sediment. |
| PNEC : | 7.02 mg/kg |
| Environmental compartment: | Waste water treatment plant. |
| PNEC : | 4168 mg/l |

**8.2. Exposure controls**

**Personal protection measures, such as personal protective equipment**

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 EN166.

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

When spraying, wear a face shield in accordance with standard EN166.

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**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

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.

Type of gloves recommended :

- Natural latex

- PVC (polyvinyl chloride)

Let the glove manufacturer advise you on the choice of gloves and their duration of use for your operating conditions

**- Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

Wear suitable protective clothing and, in particular, an apron and boots. These items of clothing shall be maintained 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.

**- Respiratory protection**

Types, classes and filters for respiratory protection above are recommended in case of confrontation at concentrations higher than the exposure limits specified under 8.1. (Control parameters) .They should be adjusted according to actual conditions. they may not be necessary if the product is used outdoors or in a well ventilated area.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

**9.1. Information on basic physical and chemical properties**

**Physical state**

| | |
|---|---|
| Physical state : | Fluid liquid. |

**Colour**

Unspecified

**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 : | 60°C < FP <= 93°C |

**Auto-ignition temperature**

| | |
|---|---|
| Self-ignition temperature : | Not specified. |

**Decomposition temperature**

| | |
|---|---|
| Decomposition point/decomposition range : | Not specified. |

**pH**

| | |
|---|---|
| pH : | Not stated.<br>Strongly basic. |
| pH (aqueous solution) : | Not stated. |

**Kinematic viscosity**

| | |
|---|---|
| Viscosity : | Not stated. |

**Solubility**

| | |
|---|---|
| Water solubility : | Dilutable. |
| Fat solubility : | Not stated. |

**Partition coefficient n-octanol/water (log value)**

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

**Vapour pressure**

| | |
|---|---|
| Vapour pressure (50°C) : | Below 110 kPa (1.10 bar). |

**Density and/or relative density**

| | |
|---|---|
| Density : | > 1 |

**Relative vapour density**

| | |
|---|---|
| Vapour density : | Not stated. |

**Particle characteristics**

N/A

**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

To be translated (XML)

**10.5. Incompatible materials**

No data available.

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO2)

## 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 between one and four hours.

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

No toxicological data available for the substances.

#### 11.1.2. Mixture

**Skin corrosion/skin irritation :**

The 'corrosive' classification is based on the low/high pH which has been confirmed by tests.

Causes severe skin burns and eye damage.

**Serious damage to eyes/eye irritation :**

Corrosive classification is based on an extreme pH value.

Causes serious eye irritation.

**Respiratory or skin sensitisation :**

To be translated (XML)

**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 toxicant :**

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

**Specific target organ systemic toxicity - single exposure :**

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

**Specific target organ systemic toxicity - repeated exposure :**

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

**Aspiration hazard :**

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

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

No further relevant information available.

### 11.2. Information on other hazards

**Other information**

No further relevant information available.

## SECTION 12 : ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Substances

TA-A / ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)

| | |
|---|---|
| Fish toxicity : | ECx > 1 mg/l |
| Crustacean toxicity : | 0,1 < NOEC <= 1 mg/l |

LAURYLMYRISTYL POLYGLYCOL ETHER (CAS: 68439-51-0)

| | |
|---|---|
| Fish toxicity : | EC50 mg/l<br>Species : Leuciscus idus<br>Other guideline |
| Crustacean toxicity : | EC50 mg/l<br>Species : Daphnia magna |

OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Aquatic plant toxicity : EC10 mg/l

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

**12.2.1. Substances**

TA-A / ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)

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

LAURYLMYRISTYL POLYGLYCOL ETHER (CAS: 68439-51-0)

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

**12.3. Bioaccumulative potential**

No data available.

**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, preferably 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 2021 - IMDG 2020 [40-20] - ICAO/IATA 2022 [63]).

**14.1. UN number or ID number**

3267

**14.2. UN proper shipping name**

UN3267=CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.

(disodium metasilicate)

**14.3. Transport hazard class(es)**

- Classification :




8

**14.4. Packing group**

III

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

| ADR/RID | Class | Code | Pack gr. | Label | Ident. | LQ | Provis. | EQ | Cat. | Tunnel |
|---|---|---|---|---|---|---|---|---|---|---|
| | 8 | C7 | III | 8 | 80 | 5 L | 274 | E1 | 3 | E |

| IMDG | Class | 2°Label | Pack gr. | LQ | EMS | Provis. | EQ | Stowage Handling | Segregation |
|---|---|---|---|---|---|---|---|---|---|
| | 8 | - | III | 5 L | F-A. S-B | 223 274 | E1 | Category A SW2 | SGG18 SG35 |

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo | note | EQ |
|---|---|---|---|---|---|---|---|---|---|
| | 8 | - | III | 852 | 5 L | 856 | 60 L | A3 A803 | E1 |
| | 8 | - | III | Y841 | 1 L | - | - | A3 A803 | E1 |

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.

**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:**

Packaging to be fitted with child-resistant fastenings (see EC Regulation No. 1272/2008, Annex II, Part 3).

Containers to be fitted with a tactile warning of danger (see EC Regulation No. 1272/2008, Annex II, Part 3).

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.

**- Particular provisions :**

No data available.

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

- less than 5 % : anionic surfactants
- less than 5 % : non-ionic surfactants
- perfumes

**15.2. Chemical safety assessment**

The chemical safety assessment has not been carried out for this mixture.

## 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. |
| 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. |
| H336 | May cause drowsiness or dizziness. |
| H412 | Harmful to aquatic life with long lasting effects. |

**Abbreviations :**

EC50 : The effective concentration of substance that causes 50% of the maximum response.
Ecx : The effective concentration of the substance that causes x% maximum reaction.
NOEC : The concentration with no observed effect.
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.
DNEL : Derived No-Effect Level
PNEC : Predicted No-Effect Concentration
UFI : Unique formulation identifier.
STEL : Short-term exposure limit
TWA : Time Weighted Averages
TMP : French Occupational Illness table
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 : Wassergefahrdungsklasse (Water Hazard Class).
GHS05 : Corrosion
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.