

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

### 1.1. Product identifier

Product Name : FLUXO 8703

UFI : 8G20-A0VP-N00Y-CK5R

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

Product for NON DESTRUCTIVE TESTING - Reserved for professional users

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

Registered company name : SREM TECHNOLOGIES

Address : 14 Rue des Frères Chappe 72230 LA FLECHE FRANCE

Phone : +33 (0)2 43 48 15 10

[info@srem.fr](mailto:info@srem.fr) [www.srem.fr](http://www.srem.fr)

### 1.4. Emergency telephone number

FRANCE = INRS / ORFILA <http://www.centres-antipoison.net>. **+33 (0)1 45 42 59 59**

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Aspiration hazard, Category 1 (Asp. Tox. 1, H304).

Skin irritation, Category 2 (Skin Irrit. 2, H315).

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

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

### 2.2. Label elements

#### Hazard pictograms :



#### Signal word(s)

DANGER

#### Hazard statements

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

#### Precautionary statements -

P264 Wash with plenty of water thoroughly after handling

#### Prevention :

P280 Wear protective gloves/protective clothing/eye protection/ ...

#### Precautionary statements -

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

#### Response

P302 + P352 IF ON SKIN: Wash with plenty of 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.

P331 Do NOT induce vomiting.

### 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 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 components considered to have endocrine disrupting properties under Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

| Identification | (CE) 1272/2008 | Nota | % |
|----------------|----------------|------|---|
|----------------|----------------|------|---|

|                                                                                                                      |                                                           |  |                 |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--|-----------------|
| EC: 920-107-4<br>REACH: 01-2119453414-43<br><br>HYDROCARBONS, C12-C15, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS | GHS08<br>Dgr<br>Asp. Tox 1, H304<br>EUH066                |  | 50 <= x % < 100 |
| EC: 614-295-4<br>CAS : 68131-40-8<br><br>ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED                                    | GHS05<br>Dgr<br>Skin Irrit. 2 - H315 Eye<br>Dam. 1 - H318 |  | 25 <= x % < 50  |

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of 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 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.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

##### In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

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

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

##### In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

### 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.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Non Flammable.

### 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 (CO2)

### 5.3. Advice for firefighters

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

## 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.

### 6.3. Methods and material for containment and cleaning up

Retrieve the product by mechanical means (sweeping/vacuuming).

### 6.4. Reference to other sections

No data available.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

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

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 :

Never inhale this mixture.

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.

Avoid eye contact with this mixture at all times.

#### 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

#### Storage

Keep away from food and drink, including those for animals.

#### Packaging

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

### 7.3. Specific end use(s)

Product for NON DESTRUCTIVE TESTING

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

HYDROCARBONS, C12-C15, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

VLEC = 1200mg/m<sup>3</sup>

### 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 EN166.

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

Before handling powders or dust emission, wear mask goggles 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**

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.

#### **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.

Wear protective clothing against solid chemicals and particles suspended in the air (type 5) in accordance with standard EN13982-1/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.

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** Avoid inhaling dust.

Type of FFP mask :

Wear a disposable half-mask dust filter in accordance with standard EN149/A1.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

|                                               |                    |
|-----------------------------------------------|--------------------|
| Physical state                                | Liquid             |
| Colour                                        | Fluorescent Yellow |
| Density                                       | 0.91               |
| Boiling point / boiling range                 | > 200°C            |
| Autoignition Temperature                      | > 230°C            |
| Flash point                                   | > 100°C            |
| Explosion hazards, lower explosion limit (%): | 0.5%               |
| Explosion hazards, upper explosion limit (%): | 6.0%               |

### **9.2. Other information**

**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**

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- heating

- heat
- formation of dusts

Dusts can form an explosive mixture with air.

#### **10.5. Incompatible materials**

No data available.

#### **10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

carbon monoxide (CO)

carbon dioxide (CO<sub>2</sub>)

## **SECTION 11: TOXICOLOGICAL INFORMATION**

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

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

#### **11.1.1. Substances**

HYDROCARBONS, C12-C15, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

|                             |                                             |
|-----------------------------|---------------------------------------------|
| Acute Toxicity – oral       | DL <sub>50</sub> > 5000mg/kg – rat          |
| Acute Toxicity – dermal     | DL <sub>50</sub> > 5000mg/kg – rabbit       |
| Acute Toxicity – inhalation | CL <sub>50</sub> > 5000mg/kg (vapour) – rat |

ALCOHOLS C11 - C15 SECONDARY ETHOXYLATED

|                         |                                       |
|-------------------------|---------------------------------------|
| Acute Toxicity – oral   | DL <sub>50</sub> > 3000mg/kg – rat    |
| Acute Toxicity – dermal | DL <sub>50</sub> > 2000mg/kg – rabbit |

### **11.2. Information on other hazards**

#### **Aspiration hazard :**

May be fatal if swallowed and enters airways.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

#### **12.1.2. Mixtures**

HYDROCARBONS, C12-C15, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

LL<sub>50</sub> - 96h = > 1000mg/l, *Oncorhynchus mykiss* - OECD 203

EL<sub>50</sub> - 48h = > 1000mg/l, *Daphnia magna* - OECD 202

### **12.2. Persistence and degradability**

No data available.

### **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****13.1. Waste treatment methods**

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

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****14.1. UN number or ID number**

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**14.2. UN proper shipping name**

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

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**14.4. Packing group**

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**14.5. Environmental hazards**

No

**14.6. Special precautions for user**

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**14.7. Maritime transport in bulk according to IMO instruments**

No

**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. 2021/643 (ATP 16)

EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

**Container information:**

No data available.

**Particular provisions :**

No data available.

**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 :**

|        |                                                       |
|--------|-------------------------------------------------------|
| H304   | May be fatal if swallowed and enters airways.         |
| H315   | Causes skin irritation.                               |
| H318   | Causes serious eye damage.                            |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

**Abbreviations :**

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.  
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).  
PBT: Persistent, bioaccumulable and toxic. vPvB : Very persistent, very bioaccumulable.  
SVHC : Substance of Very High Concern.