

Product **FLUXO 6D Type 1**

Revision 3

Date **12/02/2019**

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## SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

### 1.1 Product Identifier

Name of the product : FLUXO 6D Type 1

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

Use : Suspension of fluorescent magnetic particles in petroleum carrier fluid for magnetic particle examination - ready-to-use

### 1.3 Details of the Supplier of the Safety Data Sheet

SREM TECHNOLOGIES

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ZI Ouest

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### 1.4 Emergency Telephone Number

Emergency Telephone Number : INRS +33.(0)1.45.42.59.59

## SECTION 2 – HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or Mixture

Asp. Tox. 1 – Cat 1

H304 – May be fatal if swallowed and enters airways

### 2.2 Labels Elements

#### Hazards Pictograms



#### Hazard Statement

H304 – May be fatal if swallowed and enters airways

EUH066 – Repeated exposure may cause skin dryness or cracking.

#### Precautionary Statement

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

P331 – Do NOT induce vomiting.

### 2.3 Other Hazards

Vapours may form explosive mixtures with air.

The material can accumulate static charge and can therefore cause electrical

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Mixtures

Substance Name	N° CAS N° CE	Classification (1272/2008)	Concentration (%)
Hydrocarbures, C12-C15, n-alcane, isoalcanes, cycliques, <2% aromatiques	920-107-4 01-2119453414-43	Asp. Tox. 1 (H304) EUH066	75-100 %

Full Test of H phrases: see section 16.

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Take off immediately all contaminated clothing and wash it before reuse. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After ingestion**

Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell.

**After eye contact**

In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water.

**After skin contact**

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation. Consult a doctor. Take off immediately all contaminated clothing.

**Following inhalation**

Transport the person to the fresh if disorders are observed

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

Skin Dryness

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

No data available

**SECTION 5 – FIREFIGHTING MEASURES****5.1 Extinguishing media**

Suitable extinguishing media: Water spray Water mist Foam Extinguishing powder

Unsuitable extinguishing media: Full Water Jet

**5.2 Special Hazards arising from the substance or mixtures**

: In case of fire may be liberated: Nitrogen oxides (NOx) Carbon monoxide.

**5.3 Advice for Firefighters**

: In case of fire: Wear self-contained breathing apparatus.

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

: Use personal protection equipment – Provide adequate ventilation

**6.2 Environmental Precautions**

: Do not allow to enter into surface water or drains

**6.3 Methods and material for containment and cleaning up**

: Absorb with liquid-binding material

**6.4 Reference to others sections**

: See section 8 & 13

**SECTION 7 – HANDLING AND STORAGE****7.1 Precautions for safe handling**

Before handling, the staff will be informed of the risks of this product, of the precautions to be observed and the measures which should be taken in the event of accident

Ventilate working area (risks of formation of vapours, fogs or aerosols)

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Avoid contact with the skin and eyes. Wear waterproof gloves and safety goggles. Wash carefully the hands after handling of the product

Preserve in the original package

**7.2 Conditions for safe storage, including any incompatibilities**

Store away from heat sources. Avoid the accumulation of the static electricity. Use only containers resistant to hydrocarbons

Preserve the container closed

Do not expose to freezing. Preserve at ambient temperature in a ventilated place

**7.3 Specific End Uses**

: Suspension of fluorescent magnetic particles in petroleum carrier fluid for magnetic particle examination

**SECTION 8 – EXPOSURE CONTROLES AND PERSONAL PROTECTION**

**8.1 Control Parameters**

Component	CAS	
Hydrocarbures, C12-C15, n-alcanes, isoalcanes, cycliques, <2% aromatiques	920-107-4	1200 mg/m <sup>3</sup>

**8.2 Exposure Controls**

Eye/face protection : Eye glasses  
 Skin protection : Use protective skin cream before handling the product. Hand protection  
 Suitable gloves type: NBR (Nitrile rubber)  
 Respiratory protection : Filter type: AX is appropriate (if necessary).  
 Protective clothing : Wear appropriated clothing

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemicals properties:**

Physical : Liquid  
 Aspect : Red suspension, Shake before use  
 Flash Point : > 100°C minimum (NF M 07019)  
 Relative Density : 0,820 g.cm<sup>-3</sup> (20°C)  
 Auto-ignition temperature : > 230°C (ASTM E659)  
 Flammability Limits in Air : 0.5% to 5%  
 Steam pressure : 0.003 hPa mbar (20°C)  
 Particle content : 0.8g.L<sup>-1</sup>

**9.2 Others information**

**SECTION 10 – STABILITY AND REACTIVITY**

**10.1 Reactivity**

: Reaction with oxidising agent

**10.2 Chemical Stability**

: Stable in normal condition of use

**10.3 Possibility of Hazardous reactions**

: No Data available

**10.4 Conditions to avoid**

: No Data available

**10.5 Incompatible Materials**

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: No Data available

**10.6 Hazardous decomposition products**

: No Data available

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**11.1 Information on Toxicological Information**

Component	DL50 Oral	DL50 Dermal	CL50 Inhalation
<i>Hydrocarbures, C12-C15, n-alcanes, isoalcanes, cycliques, &lt;2% aromatiques</i>	> 5000 mg/kg (rat)	> 5000 mg/kg (lapin)	> 5000 mg/m <sup>3</sup> (rat)

**Acute oral toxicity:** Data apply to the main component.

**Acute dermal toxicity:** Data apply to the main component.

**Acute inhalation toxicity:** Data apply to the main component.

**SECTION 12 – ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Component	EL50 (24h) daphnie	LL50 (96h) poisson
<i>Hydrocarbures, C12-C15, n-alcanes, isoalcanes, cycliques, &lt;2% aromatiques</i>	> 1000 mg/L	> 1000 mg/L

**12.2 Persistence and degradability**

: No Data available

**12.3 Bio accumulative potential**

: No Data available

**12.4 Mobility in soil**

: No Data available

**12.5 Results of PBT and vPvB assessment**

: no PBT and vPvB

**12.6 Other adverse effects**

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment methods**

Do not reject the product

Ensure conformity to local disposal regulations.

Packing is not taken again, they must be eliminated (polyethylene cans)

**SECTION 14 – TRANSPORT INFORMATION**

**14.1 UN Number**

Product not regulated, not subjected to an obligatory labelling

**14.2 UN proper shipping name**

Product not regulated, not subjected to an obligatory labelling

**14.3 Transport Hazard Class**

Product not regulated, not subjected to an obligatory labelling

**14.4 Packing Group**

Product not regulated, not subjected to an obligatory labelling

**14.5 Environmental hazards**

No

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**14.6 Special precautions for users**

**14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code**

**SECTION 15 – REGULATORY INFORMATION**

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

**15.2 Chemical Safety Assessment**

: No data available

**SECTION 16 – OTHER INFORMATION**

*The European regulation imposes that all the H sentences (section 2) appear in this paragraph. According to their concentration in the final product, these sentences do not appear on the label. This is why sentences or initials appearing in this paragraph can not appear on the label.*

**H sentences (section 2 and 3)**

H304 – May be fatal if swallowed and enters airways

**Use**

: Please refer to Technical Data Sheet