

Product **FLUXO 3**

Revision 1

Date **01/01/2015**

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

1.1 Product Identifier

Name of the product : FLUXO 3

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

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

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer and Supplier:

SREM TECHNOLOGIES

14, rue des frères Chappe

ZI Ouest

72200 La FLECHE - FRANCE

Tél : +33 (0)2.43.48.15.10

Fax : +33 (0)2.43.45.25.26

e-mail : info@srem.fr

www.srem.fr

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

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Mixtures

Substance Name	N° CAS N° CE	Classification (1272/2008)	Concentration (%)
Aliphatic hydrocarbons	64742-47-8 265-149-8 01-2119456620-43	Asp. Tox. 1 (H304)	75-100 %

Full Test of H phrases: see section 16.

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SECTION 4 – FISRT AID MEASURES

4.1 Description of first aid measures

General information	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 sage 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 vapors, 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 black magnetic particles in petroleum carrier fluid for magnetic particle examination

SECTION 8 – EXPOSURE CONTROLES AND PERSONAL PROTECTION

8.1 Control Parameters

Component	CAS	
Aliphatic hydrocarbons	64742-47-8	Long Term Value = 1000 ppm Short Term Value = 1500 ppm

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
 Protective clothing : Wear appropriated clothing

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemicals properties:

Physical : Liquid
 Aspect : Black suspension, Shake before use
 Flash Point : 82°C minimum (NF M 07019)
 Relative Density : 0,815 g.cm⁻³ (20°C)
 Auto-ignition temperature : > 230°C (ASTM E659)
 Steam pressure : 0,014 mbar (20°C)

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

: No Data available

10.6 Hazardous decomposition products

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: No Data available

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Information

Component	DL50 Oral	DL50 Dermal	CL50 Inhalation
Aliphatic hydrocarbons	> 5000 mg/kg (rat)	> 5000 mg/kg (lapin)	> 5000 mg/m ³ (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
Aliphatic hydrocarbons	> 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

14.6 Special precautions for users

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

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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