

Product **FLUXO P139**

Revision 2

Date **04/10/2017**Page **1/5****SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY****1.1 Product Identifier**

Name of the product : FLUXO P139

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

Use : Red Dye Penetrant for Penetrant Testing

**1.3 Details of the Supplier of the Safety Data Sheet***Manufacturer and Supplier:*

SREM TECHNOLOGIES

14, rue des frères Chappe

Tél : +33 (0)2.43.48.15.10

ZI Ouest

Fax : +33 (0)2.43.45.25.26

72200 La FLECHE - FRANCE

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

Skin Dam - Cat 2

H315 - Causes skin irritation

Eye Dam - Cat 2

H319 - Cause serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

**2.2 Labels Elements****Hazards Pictograms****Hazard Statement**

DANGER

H304: May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H319 - Cause serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

EUH066 - Repeated exposure may cause skin dryness or cracking.

**Precautionary Statement**

P264 - Wash with plenty of water thoroughly after handling.

P273 - Avoid release to the environment.

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

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

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

P501 - Dispose of contents/container to special waste collection point

**2.3 Other Hazards**

Product **FLUXO P139** Revision 2 Date **04/10/2017** Page **2/5**

**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) EUH066	> 50
Nonionic Surfactant	120313-48-6	Skin Corr Cat 2 (H315) Aquatic Acute 1 (H400) H412	10 - 20%
Nonionic Surfactant	68131-40-8	Skin Corr Cat 2 (H315) Eye Dam Cat 1 (H318)	< 10 %

Full Test of H phrases: see section 16.

**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.

Product **FLUXO P139**

Revision 2

Date **04/10/2017**

Page **3/5**

## 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

All work processes must always be designed so that the following is excluded: Inhalation Skin contact Eye contact  
Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

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

Ensure adequate ventilation of the storage area.

Hints on storage assembly: Materials to avoid oxidizing agent

Further information on storage conditions: Keep only in the original container in a cool, well-ventilated place.

### 7.3 Specific End Uses

: Red Dye Penetrant for Penetrant Testing

## 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

: Suitable eye 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

: Body protection: not required.

General health and safety measures: When using do not eat, drink, smoke, sniff.  
Wash hands before breaks and after work. After cleaning apply high-fat content skin care cream.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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

Physical State

: Liquid

Aspect

: Red

Odor

: characteristic

Density (active component)

: 855 kg/m<sup>3</sup>

Flash Point (active component)

: > 82°C

Product **FLUXO P139** Revision 2 Date **04/10/2017** Page **4/5**

Viscosity : 3 mm<sup>2</sup>/s (40°C)  
 Initial boiling Point : > 200°C (EN ISO 3405)  
 Ignition Temperature : > 250°C (ASTM E659)  
 Explosive Limits : lower : 0.5% upper : 6%  
 Solubility : partially soluble in water

**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**

: No Data available

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**11.1 Information on Toxicological Information**

Component	DL50 Oral	DL50 Dermal	CL50 Inhalation
<b>Aliphatic hydrocarbons</b>	> 2000 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
<b>Aliphatic hydrocarbons</b>	> 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

Product **FLUXO P139**

Revision 2

Date **04/10/2017**

Page **5/5**

**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**

**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  
H315: Causes skin irritation  
H318: Causes serious eye damage  
H400: Very toxic to aquatic life  
H412: Harmful to aquatic life with long lasting effects  
EUH066 - Repeated exposure may cause skin dryness or cracking.

**Use** : Please refer to Technical Data Sheet