

Product **FLUXO PHT AERO**

Revision 2

Date **22/03/2019**Page **1/5****SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY****1.1 Product Identifier**

Name of the product : FLUXO PHT Aerosol

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

Use : Red Dye Penetrant for Penetrant Testing – High Temperature

**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**

Flammable Aerosol, Cat 1

H222: Extremely Flammable Aerosol

Eye Dam. Cat 1

H229: Pressurised container: May burst if heated

Skin Irrit 2

H315: Causes skin irritation

H318: Causes serious eye damage

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

DANGER

H222: Extremely Flammable Aerosol

H229: Pressurised container: May burst if heated

H315: Causes skin irritation

H318: Causes serious eye damage

**Precautionary Statement**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P262 Do not get in eyes, on skin, or on clothing.

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

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.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P501 Dispose of contents/container to an approval waste disposal plant.

**Special labelling for aerosol cans:***Pressurized container: Do not pierce or burn, even after use - Protect from sunlight - Do not expose to temperatures exceeding 50°C - Do not spray on an open flame or other ignition source - Keep away from heat/sparks/open flames/hot surfaces - No smoking.***2.3 Other Hazards**

Product **FLUXO PHT AERO**

Revision 2

Date **22/03/2019**

Page **2/5**

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Mixtures

Substance Name	N° CAS N° CE	Classification (1272/2008)	Concentration (%)
<i>Propellant : Diméthyle Oxyde</i>	115-10-6	<i>Flam. Gas 1 H220 Press. Gas</i>	> 30
<i>Nonionic Surfactant C11 C15</i>	68131-40-8	<i>Skin Irrit Cat 2 (H315) Eye Dam. Cat 1(H318)</i>	> 30
<i>Hydrocarbures, C10- C13, aromatiques,</i>	922-153-0 01-2119451097-39-	<i>Asp Tox 1 (H304) Aquatic Chronic 2 (H411)</i>	< 1

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). If unconscious place in recovery position and seek medical advice.

##### 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 physician. Take off immediately all contaminated clothing.

##### Following inhalation

In case of inhaling spray mist, consult a doctor immediately and show him packing or label. If breathing is irregular or stopped, administer artificial respiration.

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

Respiratory complaints Drowsiness

#### 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 PHT AERO**

Revision 2

Date **22/03/2019**

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	
<i>Dimethyl Oxide</i>	<i>115-10-6</i>	<i>Long Term Value = 1000 ppm = 1920 mg/m3</i>

**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 if necessary : AX  
 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 Sate : Aerosol  
 Aspect : Red  
 Odor : characteristic

Product **FLUXO PHT AERO**

Revision 2

Date **22/03/2019**Page **4/5**

Density (active component) : around 1  
Flash Point (active component) : > 100°C  
Viscosity : > 25 mm<sup>2</sup>/s (40°C)  
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****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**

: No Data available

**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)

Product **FLUXO PHT AERO**

Revision 2

Date **22/03/2019**Page **5/5****SECTION 14 – TRANSPORT INFORMATION****14.1 UN Number**

1950

**14.2 UN proper shipping name**

AÉROSOLS, FLAMMABLE

**14.3 Transport Hazard Class**

ADR / RID : 2

IMDG : 2

IATA : 2.1

**14.4 Packing Group**

ADR / RID : No - Instruction LQ2 (LIMITED QUANTITY)

IMDG : No - Instruction LQ2 (LIMITED QUANTITY)

IATA :

**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)**

H220 : Extremely flammable Gas

H222 : Extremely Flammable Aerosol

H229 : Pressurised container : May burst if heated

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation

H318: Causes serious eye damage

**Use**

: Please refer to Technical Data Sheet