SAFETY DATA SHEET

According to Regulation (CE) n°830/2015 and n° 1907/2006

Product	**FLUXO 8702 AERO**	Revision 1	Date	**20.09.2019**	Page	**1/6**

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

1.1 Product Identifier

Name of the product : **FLUXO 8702 AEROSOL**

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

Use : Fluorescent 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 — www.srem.fr

1.4 Emergency Telephone Number

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

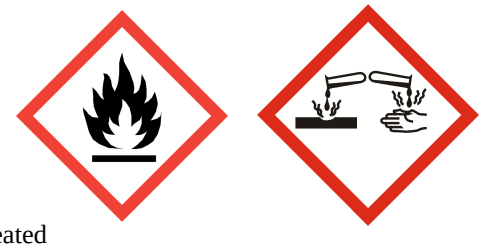
SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or Mixture

Flammable Aerosol, Cat 1	H222: Extremely Flammable Aerosol
	H229: Pressurised container: May burst if heated
Skin Irrit , Cat 2	H315 : Causes Skin Irritation.
Eye Dam. Cat 1	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
EUH066 - Repeated exposure may cause skin dryness or cracking.

Precautionary Statement

P264: Wash skin thoroughly after handling.
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.
P332 + P313: If skin irritation occurs: Get medical advice attention.

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

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Mixtures

Substance Name	N° CAS N° CE	Classification (1272/2008)	Concentration (%)
Propellant : *Propane* *Butane*	*74-98-6 - 200-827-9* *01-2119486944-21* *106-97-8 - 203-448-7* *01-2119474691-32*	*Flam. Gas 1 H220* *Press. Gas*	*> 30*
Petroleum distillates, hydrotreated light	*64742-47-8* *265-149-8* *01-2119456620-43*	*Asp. Tox. 1 (H304)* *EUH066*	*30-50 %*
alcohols, c12-15-branched and linear, ethoxylated propoxylated	----------	*Skin Irrit Cat 2 (H315)* *Aquatic Acute 1 (H400)* *Aquatic Chronic 3 (H412)*	*2.5-10 %*
alcohols c11 - c15 secondary ethoxylated	*68131-40-8*	*Skin Irrit Cat 2 (H315)* *Eye Dam Cat 1 (H318)*	*< 5 %*

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.

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

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

: Fluorescent Penetrant for Penetrant Testing

SECTION 8 – EXPOSURE CONTROLES AND PERSONAL PROTECTION

8.1 Control Parameters

Component	CAS	
Petroleum distillates, hydrotreated light	*64742-47-8*	*Long Term Value = 1000 ppm* *Short Term Value = 1500 ppm*
Butane	*106-97-8*	*Long Term Value = 800 ppm = 1900 mg/m3*

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 Sate	: Aerosol
Aspect	: Yellow Liquid
Odor	: characteristic
Density (active component)	: 890 kg/m^3
Flash Point (active component)	: > 93°C
Viscosity	: 5-6 mm^2/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
Petroleum distillates, hydrotreated light	*> 2000 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) daphnia	LL50 (96h) fish
Petroleum distillates, hydrotreated light	*> 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

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
H302: Harmful if swallowed
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