

## HEALTH & SAFETY DATA SHEET

### TITLE 1 : Identification of the Substance / Preparation and Company

#### 1.1. Identification of the preparation

Product form: Mixture

Product Name :

PRODUCT	REFERENCE	CODE PRODUCT	CONTENT
AFX LIGHT - HIGH DENSITY FOG FLUID	PROSMOKE5L-HD	16-2940	CAN 05L
AFX LIGHT - HIGH DENSITY FOG FLUID	PROSMOKE20L-HD	16-2941	CAN 20L

#### 1.2. Relevant identified uses of the substance or mixture and uses

##### 1.2.1. Relevant identified uses

Use of the substance / mixture: Liquid formulation used to produce an artificial smoke used in the entertainment events, shows, clubs, theaters, training occupational safety drills. Professional use and general public use

##### 1.2.2. Uses deprecated

No additional information available

#### 1.3. Identification of the company

LOTRONIC SA  
Rue F.Englert 17/2  
1480 - Tubize - Belgium  
Tel: +32 2 390 91 91 - +32 2 390 93 19  
Website: www.lotronic.net

#### 1.4. Emergency Telephone Number

Country	Company	Emergency Number
France	ORFILA	+33 (0) 1 45 42 59 59

### TITLE 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] : Not Classified

#### Physicochemical harmful effects, for human health and the environment

To our knowledge, this product does not present any particular risk, subject to compliance with the general rules of industrial hygiene

#### 2.2. Label Elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Child-resistant fastening: Not applicable

Tactile warning: Not applicable

#### 2.3. Other Hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### TITLE 3 : Composition / information on ingredients

3.1. Substance Not applicable

#### 3.2. Mixture

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

Product	Product Identifier	%	Classification according to Regulation EC No 1272/2008 (CLP)
TRIETHYLENE GLYCOL	(CAS Number ) 112-27-6 (CE Number) 203-953-2 (N° REACH) 01-2119438366-35	15 - 30	Unclassified
MONOPROPYLENE GLYCOL	(CAS Number) 57-55-6 (CE Number) 200-338-0 (N° REACH) 01-2119456809-23	5-10	Unclassified
DEMINERALIZED WATER	( CAS Number) 7732-18-5	60 - 80	Unclassified

Full text of H-phrases: see section 16

#### **TITLE 4 : First Aid**

##### **4.1. First aid indications**

First aid after inhalation : Remove the person to fresh air and keep her in a position comfortable for breathing.  
First aid for skin contact: Wash skin with plenty of water.  
First aid after eye contact : Rinse eyes with water as a precaution.  
First aid after ingestion: Call a poison control center or physician if you feel unwell.

##### **4.2. Main symptoms and effects, acute and delayed**

No additional information available

##### **4.3. Indication of immediate medical attention and special treatment needed**

Symptomatic treatment.

#### **TITLE 5 : Measures against fire**

##### **5.1. Extinguishing Media**

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

##### **5.2. Special hazards arising from the substance or mixture**

Hazardous decomposition products in case of fire : Possible release of toxic fumes

##### **5.3. Advice for firefighters**

Protection during firefighting : Do not attempt to take action without suitable protective equipment.  
Self-contained breathing apparatus  
Complete protective clothing

#### **TITLE 6 : Measures Accidental Release**

##### **6.1. Personal precautions, protective equipment and emergency procedures**

###### **6.1.1. For non emergency personnel**

Emergency Procedures: Ventilate spill area

###### **6.1.2. For emergency responders**

Protection Equipment: Do not attempt to take action without suitable protective equipment..  
For further information, refer to Section 8: "Control of individual exposure-protection".

##### **6.2. Precautions for environmental protection**

Avoid release into the environment.

##### **6.3. Methods and materials for containment and cleaning**

Methods for cleaning up: Take up liquid spill into absorbent material.  
Other information's : Dispose of materials or solid residues at an authorized site

##### **6.4. Reference to other sections**

For more information, see Section 13.

#### **TITLE 7 : Handling and storage**

##### **7.1. Precautions for safe handling**

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions: Keep only in the original container. Keep in the dark  
Store in a well ventilated area.  
Store away from light.

Storage temperature: 0 - 50 °C

### **7.3. Particular end use**

No additional information available

## **TITLE 8: Exposure controls / personal protection**

### **8.1. Control Parameters**

8.1.1 National occupational exposure and biological limit values: No additional information available

8.1.2. Recommended monitoring procedures: No additional information available

8.1.3. Air contaminants formed: No additional information available

8.1.4. DNEL and PNEC : No additional information available

8.1.5. Control banding: No additional information available

### **8.2. Exposure controls**

8.2.1 Appropriate engineering controls: Appropriate engineering controls: Ensure good ventilation of the work station.

8.2.2 Personal protective equipment symbol (s)



8.2.2.1. Eye and face protection Eye protection: Safety glasses

8.2.2.2. Skin protection :

Skin and body protection: Wear suitable protective clothing

Hand protection : Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls: Avoid release to the environment.

## **TITLE 9 : Physical and chemical properties**

### **9.1. Basic physical and chemical properties Information**

Physical state: Liquid  
Colour : Colorless, Yellow, Pink, Blue  
Odour : no smell  
Odour threshold: No data available  
pH : 7 - 8  
Relative evaporation rate (butylacetate = 1): No data available  
Fusion point: Not applicable  
Freezing point : No data available  
Boiling point : 100 - 290 °C  
Flash point : > 175 °C  
Auto ignition temperature : 370 °C  
Decomposition Temperature : No data available  
Flammability (solid, gas): Not applicable  
Vapor Pressure: No data available  
Relative vapor density at 20 ° C: No data available  
Relative density: No data available  
Density : 1018 kg /m3 at 20°C.  
Solubility : Soluble in water. Partially soluble in organic solvents by the presence of glycolic derivative  
Log Pow : No data available

Kinematic viscosity: No data available  
Dynamic viscosity: No data available  
Explosive properties: No data available  
Oxidising properties: No data available  
Explosion limits: No data available

#### **9.2. Other informations**

9.2.1. Information with regard to physical hazard classes: No additional information available  
9.2.2. Other safety characteristics: No additional information available

### **TITLE 10 : Stability and reactivity**

**10.1. Reactivity** The product is not reactive under normal conditions of use, storage and transport.  
**10.2. Chemical stability** Stable under normal conditions  
**10.3. Possibility of hazardous reactions** Reacts violently with oxidation agents  
**10.4. Conditions to avoid** None under conditions of storage and handling recommendations (see section 7).  
**10.5. Incompatible materials** Strong acids. oxidizing agent.  
**10.6. Hazardous decomposition products** Thermal decomposition generates: Carbon monoxide. Carbon dioxide.

### **TITLE 11 : Toxicological informations**

#### **11.1. Information on hazard classes as defined in Regulation ( EC ) n° 1272/2008**

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified  
Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard Not classified

#### **11.2. Information on other hazards**

No additional information available

### **TITLE 12 : Ecological informations**

#### **12.1. Toxicity**

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### **12.2. Persistence and degradability**

No additional information available

#### **12.3. Potential for bioaccumulation**

No additional information available

#### **12.4. Mobility in soil**

No additional information available

#### **12.5. Results of PBT and vPvB assessment**

No additional information available

#### **12.6. Endocrine disrupting properties**

No additional information available

#### **12.7. Other adverse effects**

No additional information available

### TITLE 13 : Considerations Disposal

#### 13.1. Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

### TITLE 14 : Transport informations

In accordance with the requirements of ADR / RID / IMDG / IATA / ADN

#### 14.1. ONU number

UN - N° (ADR) : Not applicable  
UN - N° (IMDG) : Not applicable  
UN - N° (IATA) : Not applicable  
UN - N° (ADN) : Not applicable  
UN - N° (RID) : Not applicable

#### 14.2. Official shipping transport name ONU

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

#### 14.3. Hazard class for transport

ADR - Hazard class for transport (ADR) : Not applicable  
IMDG - Hazard class for transport (IMDG) : Not applicable  
IATA - Hazard class for transport (IATA) : Not applicable  
ADN - Hazard class for transport (ADN) : Not applicable  
RID - Hazard class for transport (RID) : Not applicable

#### 14.4. Packing Group

Packing Group (ADR) : Not applicable  
Packing Group (IMDG) : Not applicable  
Packing Group (IATA) : Not applicable  
Packing Group (ADN) : Not applicable  
Packing Group (RID) : Not applicable

#### 14.5. Environmental hazards

Dangerous for the environment: No  
Marine pollutant: No  
Other information's : No supplementary information available

#### 14.6. Special precautions for user

- Overland transport : No data available  
- By sea transport : No data available  
- Air transport : No data available  
- Inland Waterway transport : No data available  
- Rail transport : No data available

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

Not applicable

## TITLE 15 : Regulatory information

### 15.1. Regulations / legislation for the substance or mixture Safety, health and environment

#### 15.1.1. EU regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

#### 15.1.2. National regulations

France	
Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## TITLE 16 : Other informations

Indication of changes			
Section	Changed item	Change	Comments
	SDS EU format	Modified	

Abbreviations and acronyms	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC - N°	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration

Abbreviations and acronyms	
<b>OECD</b>	Organisation for Economic Co-operation and Development
<b>OEL</b>	Occupational Exposure Limit
<b>PBT</b>	Persistent Bioaccumulative Toxic
<b>PNEC</b>	Predicted No-Effect Concentration
<b>RID</b>	Regulations concerning the International Carriage of Dangerous Goods by Rail
<b>SDS</b>	Safety Data Sheet
<b>STP</b>	Sewage treatment plant
<b>ThOD</b>	Theoretical oxygen demand (ThOD)
<b>TLM</b>	Median Tolerance Limit
<b>VOC</b>	Volatile Organic Compounds
<b>CAS n°</b>	Chemical Abstract Service number
<b>N.O.S</b>	Not Otherwise Specified
<b>vPvB</b>	Very Persistent and Very Bioaccumulative
<b>ED</b>	Endocrine disrupting properties

Other information: None.

**The content and format of this safety data sheet comply with European Council Regulation (EC) No. 1907/2006**

The information contained in this safety data sheet is based on the state of our knowledge at the date indicated. The information contained in this sheet should be considered a description of the safety requirements of the product. They should not be considered as a guarantee or quality specification and have no contractual value for the properties of the product. The information contained in this safety data sheet relates to the specifically named product and cannot be used for a product combined with any other product. The conditions or methods of handling, manufacturing, use or disposal of the product are beyond our control and cannot be our responsibility.