

## HEALTH & SAFETY DATA SHEET

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

#### 1.1. Identification of the preparation

Product form : Mixture  
Product Name : SMOKE FLUID LOWFOG - FLUIDO HUMO BAJO - TRITON BLUE  
LIQUIDO HUMO PARA MAQUINAS LOW FOG - 5L

#### 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 with low fog effect 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

SILUJ  
Calle la Raya 110, Poligono Industrial - Trobajo del Camino  
24 010 Leon - Spain  
T/ +34 987 26 13 35 - www.siluj.net

#### 1.4. Emergency Telephone Number

| Country | Organisation/Company | Address | Emergency Number  | Comments |
|---------|----------------------|---------|-------------------|----------|
| France  | ORFILA               |         | +33 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] Unclassified

#### 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]

Precautionary statements (CLP) :  
P101 - If medical advice is needed, keep at disposal the container or label  
P102 - Keep out of reach of children  
P271 - Use only outdoors or in a well ventilated area  
P270 - Do not eat, drink or smoke when using this product  
P234 - Keep only in the original container

#### 2.3. Other Hazards

No additional information available

### TITLE 3 : Composition / information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Product                         | Product Identifier                                                             | %    | Classification according to Regulation EC No 1272/2008 (CLP) |
|---------------------------------|--------------------------------------------------------------------------------|------|--------------------------------------------------------------|
| (2,2'-(ETHYLENEDIOXY)DIETHANOL) | (CAS Number ) 112-27-6<br>(CE Number) 203-953-2<br>(N° REACH) 01-2119438366-35 | < 6  | Unclassified                                                 |
| (1,2-DIHYDROXYPROPANE)          | (CAS Number) 57-55-6<br>(CE Number) 200-338-0<br>(N° REACH) 01-2119456809-23   | < 30 | 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 : | Flush 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

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Appropriated Extinguishing Media: | Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing agents:  | Direct jet water.                              |

### 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 in case of fire: | Do not work without suited protective equipment.<br>Respiratory protection , Self-contained.<br>Complete protection of the body |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------|

## TITLE 6 : Measures Accidental Release

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

#### 6.1.1. For non first-aiders

|                       |                      |
|-----------------------|----------------------|
| Emergency Procedures: | Ventilate spill area |
|-----------------------|----------------------|

#### 6.1.2. For rescuers

|                       |                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Protection Equipment: | Do not work without suited protective equipment.<br>For more 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

|                      |                                                                 |
|----------------------|-----------------------------------------------------------------|
| Cleaning processes:  | Absorb the spilled liquid in absorbent material.                |
| Other informations : | Remove materials or solid residues in an authorized center<br>. |

### 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 handling without danger : | Ensure good ventilation at the workplace<br>Wear personal protective equipment.  |
| Hygiene measures:                         | Do not eat, drink or smoke when using this product<br>Wash hands after handling. |

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

|                       |                                                                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage conditions :  | Store at temperatures above 0 ° C and below 50 ° C.<br>Keep only in the original container.<br>Store in a well ventilated area.<br>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

No additional information available

### 8.2. Exposure controls

|                                    |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Appropriate engineering controls:  | Ensure good ventilation at the workplace.                                |
| Hand protection :                  | Protective gloves                                                        |
| Eye protection:                    | Safety glasses                                                           |
| Skin and body protections:         | Wear suitable protective clothing                                        |
| Respiratory Protection :           | In case of insufficient ventilation, wear suitable respiratory equipment |
| Control of environmental exposure: | Avoid release into the environment.                                      |

## TITLE 9 : Physical and chemical properties

### 9.1. Basic physical and chemical properties Information

|                                               |                                                                                                |
|-----------------------------------------------|------------------------------------------------------------------------------------------------|
| Physical state:                               | Liquid                                                                                         |
| Colour :                                      | Colorless                                                                                      |
| 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

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

No dangerous reactions known under normal conditions of use.  
Reacts violently with oxidants.  
Reactions with strong acids.

### 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

Hazardous decomposition products should not be generated under normal conditions of storage and use.  
Thermal decomposition generates: Carbon monoxide. Carbon dioxide.



## TITLE 13 : Considerations Disposal

### 13.1. Waste treatment methods

Waste treatment methods: Dispose of contents / container in accordance with the sorting instructions from approved collector.

## TITLE 14 : Transport informations

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

### 14.1. ONU number

|                 |                |
|-----------------|----------------|
| N° ONU (ADR) :  | Not applicable |
| N° ONU (IMDG) : | Not applicable |
| N° ONU (IATA) : | Not applicable |
| N° ONU (ADN) :  | Not applicable |
| N° ONU (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 informations :           | No additional information available |

### 14.6. Special precautions for user

|                      |                   |
|----------------------|-------------------|
| - Overland transport | No data available |
| - Maritime transport | No data available |
| - Air transport      | No data available |
| - 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 substance subject to restrictions according to Annex XVII of REACH  
Contains no substances of the candidate list of REACH  
Does not contain substances listed in Annex XIV of REACH

#### **15.1.2. national regulations**

No additional information available

#### **15.2. Evaluation of chemical safety**

No chemical safety assessment has been carried out

## TITLE 16 : Other informations

Other informations : None.

### EMERGENCY NUMBERS

|                  |                                             |                       |
|------------------|---------------------------------------------|-----------------------|
| Australia        | Poison control Center                       | +61 02 9515 1267      |
| Austria          | Poison Control Centre - Emergency helpline: | +43 1 406 43 43       |
| Belgium          | Centre Antipoisons / bruxelles              | 070 245 245           |
| Bulgaria         | National Toxicology Center,                 | +359 2 9154 233       |
| Canada           | Centre Toxicologie Quebec                   | +1 418 650 6115       |
| California – Usa | Poison control system                       | +1 415-502-6000       |
| Croatia          | Poison Control Centre                       | +385 1 23-48-342.     |
| Czech Republic   | Toxikologické informační středisko          | +420 224 919 293      |
| Denmark          | Bispibjerg Hospital - Giftlinjen ring       | 82 12 12 12           |
| Estonia          | Poisoning Information Centre                | 16 662                |
| Finland          | Poison Information Centre                   | 09 471977             |
| France           | Orfila                                      | +33 1 45 42 59 59     |
| Germany          | Giftnotruf Berlin, Emergency telephone:     | +49 30 19240          |
| Greece           | Poison Information Centre                   | +30 2107793777        |
| India            | National Poison Center Information          | +91 011 26589391      |
| Hungary          | Health Information - Toxicological Service  | +36 80 20 11 99       |
| Iceland          | Landspítali - Poison Centre                 | 543 2222              |
| Ireland          | Poisons information center of ireland       | 01 809 2166           |
| Italy            | Centro anti veleni                          | +39 02                |
| Latvia           | Valsts Toksikoloģijas centrs                | + 371 67042473 or 112 |
| Lithuania        | Nuodų Centras                               | +370 687 533 78       |
| Luxembourg       | Belgian Poison Center                       | +352 8002-5500.       |
| Maroc            | Centre Anti Poison                          | +212 80 1000180       |
| Netherlands      | Nationaal vergiftigingen informatie centrum | 030 274 88 88         |
| Norway           | Giftinformasjonene                          | 22 59 13 00           |
| Portugal         | CIAV                                        | 808 250 143           |
| Romania          | Centru de Control Otravă                    | +402 212 106 282      |
| Singapore        | Poison Information Center                   | + 65 6423 9119        |
| Slovakia         | Narodné Toxikologické Informačné Centrum    | +421 (0) 2 5477 4166  |
| South Africa     | Poison Control Center / Johannesburg        | + 27 11 642 2417      |
| Spain            | Urgencias toxicológicas                     | +34 91 562 04 20      |
| Sweden           | Giftinformationscentralen (Sverige)         | 08 33 12 31           |
| Switzerland      | Tox Info Suisse                             | +41 044 251 66 66     |
| Tunisia          | Centre Anti Poison                          | + 216 71 335 500      |
| Turkye           | Poison Control Center Istanbul              | 114                   |
| United Kingdom   | UK National Poisons Emergency number        | +44 870 600 6266      |

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

The information contained in this safety data sheet is based on the state of our knowledge on the indicated date. The information given in this sheet should be considered as a description of the product safety requirements, they should not be considered as a warranty or quality specification and have no contractual value on the properties of the product. The information contained in this safety data sheet relates to the specifically designated product, and cannot be valid for a product associated with another product. The conditions or methods of handling, storing, using or eliminating the product are beyond our control and cannot be under our responsibility.