

HEALTH & SAFETY PRODUCT DATA SHEET

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

1.1 - Product Identifier : HAZE FLUID OIL BASED

1.2 - Relevant identified uses of the substance : Liquid used to produce an artificial hazer or fog effect used in the entertainment events, shows, clubs, theaters

Product Code : HAZE FLUID - OIL BASED - OH
Packaging : 5L

1.3 - Details of the supplier :

ELATION PROFESSIONAL BV
Junostraat 2
6468 EW KERKRADE - NL



Tel. +31 45 546 85 00
Fax +31 45 546 85 99

1.4 - Emergency telephone number :

Emergency phone nr : ORFILA +33 (0) 1 45 42 59 59 - Europeans emergency (112)

2 - HAZARDS IDENTIFICATION

2.1 - Classification of the substance or mixture : Classification EC67/548 or EC 1999/45

Hazard Class and category Code Regulation EC 1272/2008 (CLP) : Not regulated

2.2 - Label elements :

Labeling Regulation EC 1272/2008 CLP

- Hazard pictograms code : --
- Precautionary statements : --

2.3 - Other Hazards : None under normal conditions

3 - COMPOSITION / INFORMATION ON INGREDIENT

Product's formula (INCI) : Paraffinum liquidum
Components : This product is not hazardous

- CAS n°8042-47-5
- EC n°232-455-8

4 - FIRST AID MEASURE

4.1 - Description of first aid measures :

First aid measures :	Seek medical attention if ill effect develops
- Inhalation :	Assure fresh air breathing
- Skin contact :	Wash skin with mild soap and water
- Eye contact :	Seek medical attention if ill effect or irritation develops. In case of eye contact, immediately rinse with clean water for 10 - 15 mn.
- Ingestion :	May have a laxative effect . Never give anything by mouth to an unconscious person. Seek medical attention if ill develops. Do not induce vomiting

4.2 - Most important symptoms and effect, both acute and delayed:

May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract. Nausea. Diarrhea. Repeated or prolonged skin contact may cause irritation.

Symptoms relating to use : None under normal conditions

4.3 - Indication of any medical attention and special treatment needed : No data available

5 - FIRE -FIGHTING MEASURE

5.1 - Extinguishing media:

- Suitable extinguishing media :	Foam , Powder, Carbon dioxide, Water fog, water spray , Sand
- Unsuitable extinguishing media :	Do not use a heavy water stream.

5.2 - Special hazards arising from the substance or mixture:

Hazardous combustion products : Organic compounds - Carbon monoxide

5.3 - Advice for fire-fighters

- Protection against fire :	Wear proper protective equipment
- Prevention :	In case of insufficient ventilation, wear suitable respiratory equipment
- Special procedures :	Avoid (reject) fire-fighting water to enter environment.
- Surrounding fires :	Use water spray or Fog cooling exposed containers

6 - ACIDENTAL RELEASE MEASURE :

6.1 - Personal precautions , prospective equipment and emergency procedures

- Personal precautions :	Spill area may be slippery In case of insufficient ventilation, wear suitable respiratory
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- Equipment Equip cleanup crew with proper protection
Ensure adequate air ventilation
- 6.2 - Environmental precautions: Notify authorities if product enters sewers or public waters
Prevent entry to sewers and public waters
- 6.3 - Methods and material for containment and cleaning up:
 - clean up methods : Dike for recovery or absorb with appropriate material .
Collect spills and put it into appropriated container.
- 6.4 - Reference to other sections: Wear individual equipment of protection , see section 8

7 - HANDLING & STORAGE

- 7.1 - Precautions for safe handling :
 - General : Class fire : B
 - Handling : Ensure adequate air ventilation
Keep away from source of ignition - No smoking
- 7.2 - Conditions for storage , including any incompatibilities:
 - Storage : Class (RFA) : 10 Store in tightly closed, properly ventilated
containers away from heat, sparks, open flame.
 - Storage - away from : Strong oxidizing agents. Direct sunlight. Heat . Take
precautionary measures against static discharges
- 7.3 - Specific end use : No data available

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 - Control parameters

DNEL = 160mg aerosol/m³, long term exposure, systemic , inhalativ
DNEL = 220mg/kg/8h , long term exposure, systemic, dermal

- Personal protection : Do not breathe vapour - same security as with chemical
products.
- Respiratory protection: in case of insufficient ventilation, wear suitable respiratory
equipment E529
- Skin portection : Wear suitable protective clothing . EN 397
- Eye protection : Goggles. EN166
- Hand protection : Use neoprene or rubber gloves. EN374 - 407

8.2 - Occupational Exposure limits :

TLV (c) [ml/m³]: Oil vapor USA (ACGIH) = 5
TWA [mg/m³] : 5

9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 - Information on basic physical and chemical properties

- Appearance :	
Physical state at 20 °C :	Liquid
Change in physical state :	-9 (DIN ISO 30136)
- Colour :	Colourless
- Odour :	Mild
- Odour threshold :	No data available
- pH :	No data available
- Melting point/Freezing point:	No data available
- initial boiling point - boiling range	
Boiling point (C°) :	218 - 800
- Flash Point	
Flash point (C°) :	210 (DIN ISO 2592)
- Evaporation rate :	No data available
- Flammability :	No data available
- Explosion limits (lower - upper)	
Explosion limits - lower (%) :	0,45
Explosion limits - upper (%) :	4,50
- Vapour pressure (hPa) :	<0,1 (20°C) calculated
- Vapour density :	No data available
- Relative density	
Density :	0,853g/ml (15°C) DIN51757
- Solubility	
Solubility :	Liophile substance
Solubility in water :	Insoluble
- Partition coefficient : n-octanol/water :	No data available
- Auto-ignition temperature	
Auto-ignition temperature (°C):	325 - 355
- Thermal decomposition:	No data available
- Viscosity	
Viscosity at 40 °C (mm ² /s):	Circa 24 (DIN51562)
- Explosive properties :	Not expected to be a fire/explosion hazard under normal conditions of use.
- Oxidising properties :	No data available

10 - STABILITY AND REACTIVITY

<u>10.1 - Reactivity :</u>	No data available
<u>10.2 - Chemical stability :</u> Thermal stability :	Stable under normal conditions Decomposes above 350°C
<u>10.3 - Possibility of Hazardous reactions :</u> Hazardous reactions :	Oxidizing agent
<u>10.4 - Conditions to avoid :</u>	On exposure to high temperature, may decompose, releasing toxic vapours.
<u>10.5 - Incompatible materials :</u> Material to avoid :	Strong oxidizers.
<u>10.6 - Hazardous decomposition products:</u> Hazardous decomposition products:	carbon oxyde, sulphur and nitrogen

11 - TOXICOLOGICAL INFORMATION

11.1 - Information on toxicological effects:

Subacute toxicity - NOAL 1000mg/kg - rabbit (male/female) - similar to OECD410
Subchronic toxicity inhalativ - NOAL >= 2000mg/kg - rat (male/female) - similar to OECD411
Chronic toxicity oral - NOAEL > 120mg/kg - F344 rat strain - >OECD411

- Acute toxicity:	considered as non toxic
- Ocular :	irritating vapours possible
- Ingestion :	May result in aspiration into the lungs, causing chemical pneumonia . May cause a light irritation of the linings of the mouth , throat, and gastrointestinal in big quantities
- Rat oral LD 50 (mg/kg):	>5000 (OECD401)
- Rabbit dermal LD50 (mg/kg):	>2000 (OECD402)
- Rat inhalation LC50 (mg/l/4h):	>5000 mg/m3 (OECD403)
- Dermal irritation (rabbit) :	Not expected to be an irritant
- Eyes irritation (rabbit) :	Not expected to be an irritant
- Sensitization :	This product has been reported not to cause skin sensitization
- Carcinogenicity :	No carcinogenic suspected agent
- Mutagenicity	
- Ame test :	Mutagenicity tests are negative
- Toxic for reproduction: unborn child:	Negativ

12 - ECOLOGICAL INFORMATION

<u>12.1 - Toxicity :</u>	LL50 (40h) > 1000mg/l QSAR Software model
On product :	Soluble in water with difficulty 48 Hour - EC50 - Daphnia magna (mg/l) LL50 > 100mg/l (OECD202)
IC50 72h Algae (mg/l) : L.idus LC50 (mg/l) :	NOEL <=100(Pseudokirchnerella subcapita) OECD 201 >100 (96H) Leuciscus idus OECD 203
<u>12.2 - Persistence - degradability :</u>	
Biodegradation (%) :	Minimally biodegradable 31.3% (28d)
<u>12.3 - Bioaccumulative potential :</u>	No data available
<u>12.4 - Mobility in soil:</u>	No data available
<u>12.5 - Results of PBT and vPvB assessment:</u>	No data available
<u>12.6 - Other adverse effects:</u>	
Ecological effects information: WGK class (germany) :	avoid release to the environment 1 - Little dangerous for the aquatic environment.

13 - DISPOSAL CONSIDERATION

13.1 - Waste treatment methods:

General :	Clean equipment with hot water and soap - Dispose a safe manner in accordance with local/national regulations
Industrial waste number :	13 02 05 - mineral based non chlorinated engin , gear and lubricating oils. (hazardous waste pursuant to directive 91/689/EEC on hazardous waste)

14 - TRANSPORT INFORMATION

<u>14.1 - UN Number :</u> General Information :	Not classified
<u>14.2 - Proper shipping name :</u>	Not applicable
<u>14.3 - Transport hazard classification:</u>	Not applicable
<u>14.4 - Packing group :</u>	Not applicable
<u>14.5 - Environmental hazards :</u>	Not applicable

In case of spillage and/or leakage:	Clean up even minor leaks or spills if possible without unnecessary risk.
<u>14.6 - Special precautions for user :</u>	Not applicable
Personal Precautions :	The driver shall not attempt to deal with any fire of the load
Emergency action in case of accident:	Stop the engine. No naked lights. No smoking. Mark roads and warn other road users.
<u>14.7 - Bulk transport - annex II Marpol 73/78 IBC:</u>	Not applicable

15 - REGULATORY INFORMATION

15.1 - Safety , health and environmental regulations/legislation specific for the substance:

Ensure all national/local regulations are observed
Classification EC67/548 or EC 1999/45

Regulation (EC) n°1907/2006 of the European Parliament and of the Council of 18 December 2006.
Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006.

Symbol :	None
R Phrase (s) :	None
S Phrase (s) :	None
Other :	None

16 - OTHER INFORMATION

Further Information : None

The working conditions of the user we are not known, the information contained in this safety data sheet are based on the state of our knowledge and on national and community regulations.

The mixture should not be used for other purposes than those specified under heading 1 without first obtaining written handling instructions.

It is always the responsibility of the user to take all necessary measures to meet the requirements of local laws and regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to this mixture and not as a guarantee of the properties of it.