

**ELATION PROFESSIONAL
SAFETY DATA SHEET**



**HEALTH & SAFETY
PRODUCT DATA SHEET**

**Name:
HAZE FLUID OIL BASED**

1 – IDENTIFICATION OF SUBSTANCE / PREPARATION & COMPANY

Product Identifier: HAZE FLUID OIL BASED

Relevant indentified 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

Details of the supplier:

Elation Professional B.V.
Junostraat 2
6468 EW Kerkrade - The Netherlands

Tel. +31 45 546 85 66
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Website: www.elationlighting.eu
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Emergency telephone number:

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

2 – HAZARDS IDENTIFICATION

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

Label elements:

Labeling Regulation EC 1272/2008 CLP

Hazard pictograms code: --
Precautionary statements: --

Other Hazards: None under normal conditions

3 – COMPOSITION / INFORMATION ON INGREDIENT

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

CAS n°8042-47-5
EC n°232-455-8

4 – FIRST AID MEASURES

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

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

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

5 – FIRE FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: Foam, Powder, Carbon dioxide, Water fog, water spray, Sand

Unsuitable extinguishing media: Do not use a heavy water stream.

Special hazards arising from the substance or mixture; Hazardous combustion products: Organic compounds - Carbon monoxide

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

Personal precautions, prospective equipment and emergency procedures

Personal precautions:	Spill area may be slippery In case of insufficient ventilation, wear suitable respiratory
Equipment:	Equip cleanup crew with proper protection Ensure adequate air ventilation
Environmental precautions:	Notify authorities if product enters sewers or public waters Prevent entry to sewers and public waters
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.
Reference to other sections:	Wear individual equipment of protection , see section 8

7 – HANDLING & STORAGE

Precautions for safe handling:

General:	Class fire: B
Handling:	Ensure adequate air ventilation Keep away from source of ignition - No smoking

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
Specific end use:	No data available

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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.
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Respiratory protection:	in case of insufficient ventilation, wear suitable respiratory equipment E529
Skin protection:	Wear suitable protective clothing. EN 397
Eye protection:	Goggles. EN166
Hand protection:	Use neoprene or rubber gloves. EN374 - 407
Occupational Exposure limits:	
TLV (c) [ml/m³]:	Oil vapor USA (ACGIH) = 5
TWA [mg/m³]:	5

9 – PHYSICAL & CHEMICAL PROPERTIES

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
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Flash Point

Flash point (C°):	210 (DIN ISO 2592)
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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
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Solubility

Solubility:	Liophile substance
Solubility in water:	Insoluble

Partition coefficient:

n-octanol/water:	No data available
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Auto-ignition temperature	
Auto-ignition temperature (°C):	325 - 355
Thermal decomposition:	No data available
Viscosity	
Viscosity at 40 °C (mm2/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

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

11 – TOXICOLOGICAL INFORMATION

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:	unbord child: Negativ

12 – ECOLOGICAL INFORMATION

Toxicity:	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):	NOEL <=100(Pseudokirchnerella subcapita) OECD 201
L.idus LC50 (mg/l):	>100 (96H) Leuciscus idus OECD 203
Persistence - degradability:	
Biodegradation (%):	Minimally biodegradable 31.3% (28d)
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Results of PBT and vPvB assessment:	No data available
Other adverse effects:	
Ecological effects information:	avoid release to the environment
WGK class (germany):	1 - Little dangerous for the aquatic environment.

13 – DISPOSAL CONSIDERATION

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

UN Number:	
General Information:	Not classified
Proper shipping name:	Not applicable
Transport hazard classification:	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
In case of spillage and/or leakage:	Clean up even minor leaks or spills if possible without unnecessary risk.
Special precautions for user:	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 warns other road users.
Bulk transport - annex II Marpol 73/78 IBC:	Not applicable

15 – REGULATORY INFORMATION

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 INFORMATIONS

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.



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