



HEALTH & SAFETY PRODUCT DATA SHEET

Name :

Professional Haze

1 – IDENTIFICATION OF SUBSTANCE / PREPARATION & COMPANY

1.1 Identification of substance :

Name of the product : PROFESSIONAL HAZE

Using : Fluid used for creating artificial haze which are used with light in application such as shows, concert, clubs.

1.2 Identification of the provider :

ROBE Lighting s.r.o.
Hazovice 2090 – 76651 Rodnoz pod Radhostem
Czech Republic

Tel. + 420 571 571 500
Fax + 420 571 626 337
Website : www.robe.cz
email : robe@robe.cz

2 – COMPOSITION / INFORMATION ON THE COMPONENTS

Composition : White mineral oil. The mineral oil, hardly treated, contains less than 3% - in weight – of DMSO extract (PCA : Poly Cyclique Amaratique) according to IP 346.

3 – IDENTIFICATION OF THE DANGERS

The product is not classified as flammable but may burn.

Under normal operating conditions, the products don't show any special danger.

Identification of special danger for persons and environment:

A long contact with the product may create skin irritation. This oil may contain residue.

4 – FIRST AID MEASURES

4.1 Inhalation :

- Remove from exposure, make the person breath outside and have rest.
- Call a doctor if necessary.

4.2 Skin contact :

- Drench the skin with a lot of water and soap.
- Call a doctor if irritation persists.

4.3 Eye contact :

- Irrigate thoroughly with water for ten minutes at least.
- Obtain medical attention if necessary, if needed bring to the hospital emergency

4.4 Ingestion :

- Wash out mouth with water.
- Do not try to make the patient vomit.
- Call a doctor if necessary.

5 – FIRE FIGHTING MEASURES

5.1 Dangers :

The combustion may create a complex mix of particles – suspended in the air with carbon monoxide (CO), suffer oxides, lead, several unidentified part –organic or non-organic.
Use appropriated tools to fight small fires. If necessary call the firemen.

5.2 Extinction ways :

Foam, dry powder. Use Carbon dioxide or sand only for small fire (small size).
Non-advised extinction tools : water

5.3 Appropriated dressing and breathing equipment against fire :

Use Isolated Breathing Apparatus and use clothes especially made for fire fighting.

6 – ACCIDENTAL RELEASE MEASURES

6.1 Safety precaution :

Wear gloves and protection glasses. Use boots (that go up to knees)

6.2 Precautions to protect environment :

Do not let the product spread on the ground, in the ground and under ground. Use sand or absorbent material.

7 – HANDLING & STORAGE

- 7.1 Safe handling :
- Avoid prolonged skin contact.
 - Avoid contact with eyes.
 - Ensure good ventilation of area.
 - Avoid creating spray.
 - Do not breathe the undiluted vapor.
- 7.2 Storage :
- Store in a dry good ventilated room
 - Store in original close container only.
 - Store at 0°C minimum and at 50°C maximum.
 - Keep away from sun light, heat and oxidants
 - Do not store next to food.

8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Limit Value - VME = 5 mg/m³ (ACGIH)

- 8.1 Respiratory :
- Use local ventilation if there's any risk of vapor mists.
- 8.2 Hand :
- Wear PVC coated or rubber gloves.
- 8.3 Eye :
- Wear glasses or face shield.

9 – PHYSICAL & CHEMICAL PROPERTIES

- 9.1 Appearance : Liquid at ambient temperature.
- 9.2 Color : Colorless (clear).
- 9.3 Smell : No smell.
- 9.4 Density : 854 kg/m³
- 9.5. Flash point : > 200°C
- 9.6 Auto-ignition : >320°C
- 9.7 Specific density : (H₂O = 1) > 1
- 9.8 Stream density (Air = 1) : > 7
- 9.8 Water solubility : None.
- 9.9 Viscosity at 40°C : 18,0 mm²/s
- 9.10 Octanol/Water coef: Log Pow > 6

10 – STABILITY AND REACTIVITY

- 10.1 Stability
Product stable under normal conditions of use (temperature and pressure).
- 10.2 Conditions to avoid
Elevated temperatures, heat, flames.
- 10.3 Materials to avoid
- Oxidants.
 - There's no known reactivity with normal products

11 – TOXICOLOGICAL INFORMATION

- 11.1 Inhalation :
- Long exposition :
An important concentration of vapor might cause irritation of breathing system.
 - Slight effects :
May cause headache, or vomiting.

11.2 Contact with skin

- Long exposition :

A regular and long contact with the pure product may cause irritation and make the skin dry.
DL 50 probably > 2000 mg/kg

11.3 Contact with the eyes

- May cause irritation.

11.4 High Toxicity

The product is made of mineral white oil of non carcinogenic type according to studies done on the animals, by local application on skin. The other components are not known as part of carcinogenic effects products.

No mutation risk known.

Not considered as toxic and dangerous on reproduction system.

12 – ECOLOGICAL INFORMATION

12.1 Degradability :

The main components of this product, are for each them taken apart, biodegradable but the product contains some components that may last long in the environment.

12.2 Eco-toxicity:

The product is nearly non toxic to the aquatic organisms.

LL/EL50>100mg/l

Mineral oil doesn't cause probably any long term effects on aquatic organisms with concentration under 1 mg/l

12.3 Mobility :

Liquid in most environments. Floats on water. If the product touches the ground, it be absorbed and won't spread.

13 – ELIMINATION CONSIDERATION

- Do not reject in the rivers or in the drippings.
- Use authorized waste disposal in your country for products and packages.

14 – TRANSPORT INFORMATION

- No special precautions for transport,
- No known laws, the user must be careful with the possible changes or adding in the official's texts.
- No danger according to the class ADR/RID-RTMDR/F, IMDG, ICAO/IATA

15 – REGULATORY INFORMATIONS

15.1 Information on the label :

This product is not classified and identified according to the CEE directives. (on dangerous products)

Non applicable for this product.

15.2 National Rules

User has to respect their national rules, especially to the COSHH, HSWA and MHSW.

Please make sure you read them.

16 – OTHER INFORMATIONS

16.1 Date of creation of this health and safety sheet :

October 2007. The above information is based on the present state of our knowledge of the product at the time of publication of this data sheet. It is given in good faith. No warranty is implied with respect to the quality of the specification of the product. The user must check himself that the product is entirely suitable for his purpose. Updated January 2009.

16.2 This sheet is conform to the Directive 91/155/CEE and modifications (1999/45CE)