

MATERIAL SAFETY DATA SHEET (MSDS)

DIFFUSION IN A CAN

CLOUD IN A CAN

1. Identification of the Chemical Product:

White Mineral Oil

2. Name & Address of the Supplier in Europe:

A.C. Lighting Ltd
Centauri House
Hillbottom Road
High Wycombe
Bucks
HP12 4HQ
England

Telephone: +44 (0)1494 446000

Fax: +44 (0)1494 461024

Email: sales@aclighting.co.uk

Internet: <http://www.aclighting.co.uk>

3. Identification of Any Dangers:

The product is non-toxic but can act as a simple asphyxiant by displacing air. Symptoms of asphyxia include rapid respiration, dizziness and fatigue.

Inhaled: Acute exposure may result in bronchial irritation

Contact with eyes or skin: Possible frostbite if sprayed at close distance.

Absorbed through skin: Chronic exposure may cause contact or eczematous dermatitis

Swallowed: May cause diarrhoea

4. Description of First Aid Treatment to be Given in Case of Emergency:

Eye Contact: Wash eyes with large amounts of water/saline solution occasionally lifting upper & lower eyelids until evidence of chemical is clear.

Skin Contact: Wash with soap & water.

Inhaled: Remove to fresh air.

If breathing is difficult give oxygen and call a doctor.

Swallowed: No specific antidote. Treat symptomatically and supportively.

5. Fire Precautions:

Flash Point: Greater than 193 degrees Centigrade (closed cup)

Fire Extinguishing: These cylinders contain hydrocarbon oil and gas propellants. The only safe way to extinguish a fire is to remove the fuel (stop the flow of gas). Use dry chemical, CO₂, foam or sand/earth. Closed containers exposed to fire may be cooled with water but may rupture with violent force. Extinguish surrounding fire and keep maximum distance away.

6. Measures to be Taken in Case of Spillage:

Shut off all ignition sources and ventilate the area. Absorb with an inert material such as sand, earth or vermiculite. Sweep up and dispose of in accordance with local regulations.

7. Precautions to be Taken in Storage & Handling:

Keep away from heat & flames. Do not store near strong oxidising agents such as hydrogen peroxide, bromide and chromic acid. The maximum storage temperature is 66 degrees Centigrade.

8. Precautions for Workers to Follow when Handling:-

Respiratory Protection:	Under normal use none. When concentrations are above 5mg per cubic meter an approved air respirator.
Protective Clothing:	Wear oil impervious clothing. Avoid wearing clothing soaked with mineral oil. Gloves are not required for normal use. Safety glasses should be worn.
Ventilation:	Always ensure adequate ventilation to meet permissible exposure limits (PEL)

9. Physical & Chemical Properties:

Formula:	A mixture of liquid hydrocarbons refined from petroleum.
Chemical Name:	White Mineral Oil
Toxic or hazardous Ingredients:	None
Odour, appearance, colour & form:	An odourless aerosol. Dispenses "hazy fog".
Specific Gravity:	0.35 (water = 1.0)
Vapour Pressure:	In mmHg @ 20 degrees Centigrade – 1206mm
Boiling Point:	360 degrees Centigrade
Melting Point:	Not applicable.
Evaporation rate:	1.4 @ 25 degrees Centigrade. (Butyl acetate = 1.0)

10. Stability & Reactivity:

Keep away from strong oxidisers such as hydrogen peroxide, bromide and chromic acid.
Carbon dioxide & carbon monoxide will be produced on decomposition.

11. Toxicological Information:

Non toxic.

12. Ecological Information:

No data available.

Do not puncture or incinerate containers. Give empty, full or leaky containers to a disposal service equipped to safely handle and dispose of pressurised containers.
As the substance is not soluble in water do not flush into water or waste system.

13. Information Concerning Disposal of Waste Product:

Dispose of in accordance with all local regulations.

14. Information Concerning Transport of Product:

Department of Transport:	Non regulated.
Reportable Quantity:	None
Special Transportation Notes:	Must be declared to Airline if being flown and special packing conditions will apply.

15. Information Regarding Conformity to Relevant Regulations:

No data available for Europe.
The product is not suspected to be a cancer agent.