

MDG FOG/SMOKE GENERATORS

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product Name: MDG Neutral Fluid

Product Use: Oil base fog fluid.

WHMIS Class: Not controlled

TDG Classification: Not controlled

Manufacturer: MDG

US Supplier: **American Safety ASHP**

Address: 5639 Christophe Colomb
Montreal, Quebec, Canada H2S 2E8

Address: 480 East Rio Road, Charlottesville
VA 22901 USA

Telephone: (514) 272-6040

Telephone: 1-888-289-2747

Emergency Phone: 1-800-663-3020

Fax: 1-804-977-0111

<i>Health:</i> 1 <i>Reactivity:</i> 0	<i>Flammability:</i> 0 <i>Personal Protection:</i> B
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SECTION 2: HAZARDOUS INGREDIENTS None

<i>Ingredients</i>	<u>CAS #</u>	<u>Wt %</u>	<u>TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
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SECTION 3: PHYSICAL DATA

Boiling Point (°C): 310

Specific Gravity (H₂O = 1): 0.840, 15°C

Vapor Pressure (mm Hg): 0.000035 at 38 °C

% Volatile (Wt %): None

Vapor Density (Air = 1): not applicable

Evaporation Rate (Water = 1): None

Solubility in Water: Insoluble

pH (as supplied): not applicable

Physical State: Liquid

Viscosity: 12 cps at 40 °C

Appearance and Odor: Colorless, transparent liquid, odorless.

Odor Threshold (ppm): not applicable

SECTION 4: FIRE AND EXPLOSION DATA

Flammability: Non flammable.

Flash Point (COC, °C): 185 *LEL:* not applicable *UEL:* not applicable

Hazardous Combustion Products: Smoke, carbon oxides

Auto ignition Temperature (°C): not detectable

Means of Extinction: Foam, dry chemicals, carbon dioxide

Special Fire Hazards: Avoid direct flame in the oil fog.

SECTION 5: REACTIVITY DATA

Conditions for Chemical Instability: This product is stable under normal conditions. It does not polymerize.

Incompatible Materials: Strong oxidizing agents, chlorine.

Reactivity, and Under What Conditions: None

Hazardous Decomposition Products: not applicable

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SECTION 6: TOXICOLOGICAL PROPERTIES

Route of Entry: Eyes, skin, inhalation, ingestion.

EFFECTS of ACUTE EXPOSURE:

Eye: May cause slight transient eye irritation. Corneal injury is unlikely.

Skin: Non-irritating.

Ingestion: Non-toxic, slightly laxative.

Inhalation: A single prolonged (hours) inhalation may affect lung (lung irritation).

EFFECTS of CHRONIC EXPOSURE:

Irritancy: Repeated exposure at high concentration may cause a lipid pneumonia.

Skin Sensitization: None

Mutagenicity: None

Carcinogenicity: None

Synergistic Materials: not applicable

Teratogenicity, Reproductive Effects: None

SECTION 7: PREVENTATIVE MEASURES

Gloves: Not required. Use impervious gloves when prolonged or repeated contact could occur.

Eye Protection: Safety glasses with side shields to manipulate large quantities.

Respiratory Protection: Not required.

Other Protective Equipment: Waterproof boots if large spill.

Engineering Controls: Eye wash station if large quantities are manipulated. Provide adequate ventilation.

Leak and Spill Procedure: Wear protective equipment. Stop the leak. Pump the product into drums for disposal. Use oil absorbent material for clean up.

Waste Disposal: Burn in incinerator or landfill according to existing federal, provincial and municipal regulations.

Storage Requirements: Exercise reasonable care and caution.

SECTION 8: FIRST AID

Eye: Rinse with plenty of water for several minutes, keeping eyelids open.

Skin: Wash skin with water and soap.

Inhalation: Bring the person to fresh air if discomfort arises.

Ingestion:

SECTION 9: PREPARATION INFORMATION

PIN Number: None

Date: May 16th, 1994 Phone: (514) 272-6040

T.D.G. Shipping Name: None (not regulated)

Prepared by: MDG

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages, which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Center of Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal (514-873-3990).

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