

REEL



SAFETY DATA SHEET

REEL EFX DIFFUSION FLUID

*For use in the REEL EFX DIFFUSION FOGGER (DF-50)

1. IDENTIFICATION

Identification of the substance or preparation: Oil based fluid

Use of substance/preparation: Highly refined oil based fluid is typically used as a blending base in a variety of applications including cosmetic, pharmaceutical, theatrical fog, food and general industrial.

Company identification: Reel Efx, Inc.
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Tel: 818-762-1710 Fax: 818-762-1734 e-mail: mark@reelefx.com

Emergency Contact: Chemtrec 800-424-9300

2. HAZARD(S) IDENTIFICATION

EC/GHS Classification: Not classified as dangerous under EC/GHS-criteria

Human Health Hazards: None

Physico-chemical and environmental hazards and effects: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Oil based fluid: No hazardous components

CAS No: 8042-47-5

4. FIRST AID MEASURES

Ingestion: If symptomatic, obtain medical attention. (may cause diarrhea)

Inhalation: No emergency care anticipated.

Skin contact: No emergency care anticipated.

Eye contact: Flush eyes thoroughly with water for several minutes. Obtain medical attention if discomfort persists.

Notes to physician: None

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable : Extinguish with: dry chemical, carbon dioxide (in case of small fires), water fog, foam, sand or earth

Unsuitable : May create dense smoke during combustion.

Special fire fighting procedures: Do not direct a solid stream of water or foam into burning material; this may cause spattering and spread the fire.

Special protective equipment for firefighters: Self-contained breathing apparatus.

Unusual fire and explosion hazards: Following products may be produced during a fire: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Avoid runoff to sewers or waterways. Dike area of spill to prevent spreading and pump liquid to salvage tank. Waste: avoid washing into watercourses. Use methods consistent with local regulations or incinerate.

Methods for cleaning up: Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. Stop the leak if it can be done without risk.

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7. HANDLING AND STORAGE

Handling: Do not handle at temperatures > +60 °C (140 °F)

Ventilation: General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

Storage: Store in a cool, well-ventilated area in sealed containers. Do not store under direct sun light. Do not store in open or unlabelled containers. Store away from strong oxidizing agents or combustible material. Keep away from heat, sparks and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: None expected to be needed, as long as exposure is under the guideline limits (shown below).

A certified respirator should be worn if exposed above the guideline limits.

Hand protection / protective gloves: None required, however, the use of gloves is a good industrial practice.

Eye protection: None required; however, use of eye protection is good industrial practice.

Skin protection: None required; however, use of eye protection is good industrial practice..

Engineering Controls: Control airborne concentrations below the exposure guidelines.

EXPOSURE LIMIT VALUES

<u>COMPONENT</u>	<u>COUNTRY</u>	<u>TYPE/REMARK</u>	<u>Value</u>
Oil based fluid		If used in a way that generates a "mist" observe the limits for Oil based fluid Mist. TWA (mist), ACGIH STEL (mist), ACGIH	5 mg/ m3 10 mg/ m3

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Oily liquid, Colorless **Odor:** Odorless **Odor Threshold:** None **PH value:** Not determine

Melting/Freezing point: Not Applicable **Boiling Point/Boiling Range:** Not determined

Flash point: >170°C (338°F) Method: ASTM D93 **Evaporation rate:** Not determined

Flammability (solid, gas): Not determined **Upper/lower flammability or explosive limits:** Not determined

Vapor pressure : < 0,1 hPa at 20 °C **Vapor density:** Not determined **Relative density:** Not determined

Solubility in water: Negligible **Partition coefficient n-octanol/water:** Not determined

Auto/Self-ignition temperature: Not determined **Decomposition Temperature:** Not determined

Kinematic Viscosity: 28-34 mm²/s at 40°C **Density:** 0,81 - 0,89 g/cm³ at 20 °C

10. STABILITY AND REACTIVITY

STABILITY: Stable

Conditions to avoid: Extremes of temperature and open flames

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: No hazardous decomposition products to be formed during normal storage

Combustion may produce carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

GENERAL: No evidence of harmful effects from available information.



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12. ECOLOGICAL INFORMATION

Oil based fluid will be inherently biodegradable in water under aerobic conditions, and will be ultimately biodegrades by micro-organisms (although the biodegradability of Oil based fluid will necessarily be limited by its low solubility in water).

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with applicable federal, state, or local regulations.

14. TRANSPORT INFORMATION

ADR/RID: This product is not regulated by ADR.

IMDG: This product is not regulated by IMDG.

ICAO: This product is not regulated by ICAO.

15. REGULATORY INFORMATION

EC/GHS classification: According to EC/GHS-regulations this product is not classified or labeled.

US Inventory (TSCA): Listed on inventory. All components comply with TSCA.

Europe: This product is on the EINECS inventory.

16. OTHER INFORMATION

Recommended uses/restrictions: Please consult the product and/or application information bulletins for this product.

Further information: Where appropriate, use CE approved personal protection equipment.

Disclaimer: While Reel Efx believes the information contained herein to be accurate, Reel Efx makes no representation or warranty, express or implied, regarding, and assumes no liability for the accuracy or completeness of the information. The Buyer assumes all responsibility for handling, using and/or reselling the Product in accordance with applicable federal, state, and local law. This SDS shall not in any way limit or preclude the operation and effect of any of the provisions of Reel Efx terms and conditions of sale.