



# MATERIAL SAFETY DATA SHEET

## I. PRODUCT IDENTIFICATION

**TRADE NAME** (as labeled) REEL EFX DIFFUSION FLUID  
\*For use in the REEL EFX DIFFUSION FOGGER

**SUPPLIERS NAME** REEL EFX, Inc.  
5539 Riverton Ave.  
N. Hollywood, CA 91601

Address (complete mailing address):

Phone number for additional information: (818) 762-1710

Date prepared or revised May 5, 2004 Name of preparer\* Jim Gill

## II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Numbers	Percent*	Exposure Limits in Air (give units)
White Mineral	8042-47-5	100%	5mg/m <sup>3</sup> OSHA TWA 5mg/m <sup>3</sup> ACGIH STEL

**COMMENTS:** REEL EFX Diffusion Fluid is fully refined white mineral oil meeting the requirements of the National Formulary XVI as well as the Food and Drug Administration as per CFR 172.878

## III. PHYSICAL PROPERTIES

Vapor density (aire=1)	N/A	Melting point or range, °F - Not applicable does not melt down under heat.
Specific gravity (H2O=1)	<1	Boiling point or range, °F >230°C
Solubility in water	Insoluble	Evaporation rate (butyl acetate = 1) Nil @ 25 °C
Vapor pressure, 0.01mmHg at 20 °C	<0.008hPa	
Appearance and odor	Colorless viscous liquid	

**HOW TO DETECT THIS SUBSTANCE\*** (warning properties of substance as a gas, vapor, dust, or mist)

At levels approaching TLV, has an odor similar to burned lubrication oil.

\*Not a required category

NOTE: All required categories should be addressed. If any item is not applicable, or not information is available, the space must be marked to indicate that.

This voluntary form is provided by Cal/OSHA to assist MSDS preparers and users. Any format may be used as long as it contains all of the required information.

#### IV. FIRE AND EXPLOSION

Flash Point, °F (give method) >188°C (370°F)  
Boiling Point: >230 °C at STP unless specified below  
Melting Point: Not applicable  
Flammable: Non-flammable  
Flammable limits in air, volume %: No data available

Fire extinguishing materials:

water spray     carbon dioxide     other: Halon  
 foam             dry chemical

Special firefighting procedures: As per 1987 Emergency Response Guidebook DOT P-5800.4

Unusual fire and explosion hazards:

#### V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: No irritation  
Contact with skin or eyes: No irritation  
Absorbed through skin: Non irritating  
Swallowed: May cause diarrhea

HEALTH EFFECTS OR RISKS FROM EXPOSURE. Explain in lay terms. Attach extra page if more spaced needed.

Acute: In mist form below the ACGIH TLV: None

Chronic: Animal studies indicate that repeated or prolonged exposure may result in mild irritation.

FIRST AID: EMERGENCY PROCEDURES

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

Swallowed: No specific antidote: Treat symptomatically & supportively

SUSPECTED CANCER AGENT:

NO: This product's ingredients are not found in the lists below.

YES: \_\_\_\_\_ Federal OSHA            \_\_\_\_\_ NTP            \_\_\_\_\_ IARC

California employers using Cal/OSHA - regulated carcinogens must register with Cal/OSHA. The Cal/OSHA and Federal OSHA carcinogen are similar. \_\_\_\_\_

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: By serious chronic exposure to refinery workers, evidence indicates contact dermatitis of skin, oil acne, folliculitis, and lipid granuloma/asthma/pneumonia when respiratory protective devices are not worn.

## VI. REACTIVITY DATA

Stability:  Stable  Unstable  
Conditions to avoid: May burn, but does not ignite readily

Incompatibility (materials to avoid) Avoid contact with strong oxidizers

Hazardous decomposition products (including combustion products): Thermal decomposition of product may include toxic oxides of carbon.

Hazardous polymerization:  May occur  Will not occur  
Conditions to avoid: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

## VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Clean up with sand or other absorbent material and place into clean dry containers for later disposal (SEE NOTE)

Preparing wastes for disposal (container types, neutralization, etc.):

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

## VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Provide general dilution ventilation to meet PEL

Respiratory protection (type)	For 5 mg/m <sup>3</sup> and above, any NIOSH approved supplied air respirator. *Under normal use: NONE
Eye protection (type)	Splash proof or dust resistant goggles for spills or fire. *Under normal use: NONE
Gloves (specify material)	Handlers should wear appropriate protective gloves to prevent contact with this substance.
Other clothing and equipment	Wear oil impervious clothing, avoid wearing clothing soaked with mineral oil.
Work practices, hygienic practices	Emergency eye wash in event splashing occurs.
Other handling and storage requirements:	Keep away from flame, heat (150°F Max.) and oxidizing agents.