

INDUSTRIAL OILS UNLIMITED -- FOG OIL -- 9150-00-261-7895

===== Product Identification =====

Product ID:FOG OIL

MSDS Date:10/27/1989

FSC:9150

NIIN:00-261-7895

MSDS Number: BJY TZ

=== Responsible Party ===

Company Name:INDUSTRIAL OILS UNLIMITED

Box:3066

City:TULSA

State:OK

ZIP:74101

Country:US

Info Phone Num:918-583-1155

Emergency Phone Num:918-583-1155

CAGE:76706

=== Contractor Identification ===

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Company Name:INDUSTRIAL OILS UNLIMITED

Address:3633 CHARLES PAGE BLVD

Box:City:TULSA

State:OK

ZIP:74127

Country:US

Phone:918-583-1155

CAGE:76706

===== Composition/Information on Ingredients =====

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE, PETROLEUM

CAS:64742-52-5

RTECS #:PY8035000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED LIGHT
NAPHTHENIC

CAS:64742-53-6

RTECS #:PY8036000

Fraction by Wt: SEE

#1%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:5 MG/M3 (OIL MIST)

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS ESTIMATED AT >5 G/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES/SKIN: IRRITATION. AVOID BREATHING OF MIST. PROLONGED OVEREXPOSURE MAY RESULT IN DERMATITIS AND RESPIRATORY DIFFICULTIES. ANIMAL STUDIES ALSO SHOW A N EFFECT ON THE KIDNEYS FOR EXPOSURE TO MATERI ALS SIMILAR TO THIS. AT HIGH TEMPERATURES, ASPIRATION INTO THE LUNGS IS A HAZARD.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:IRRITATION OF EYES AND SKIN UPON CONTACT. IRRITATION OF THE RESPIRATORY TRACT, HEADACHES, DIZZINESS, ANESTHETIC EFFECT AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DEATH IN RARE CASES. INGESTI ON MAY CAUSE CRAMPS AND DIARRHEA.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS IRREGULAR OR HAS STOPPED, START RESU SCITATION AND ADMINISTER OXYG EN. GET MEDICAL HELP IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION AT ONCE. IN CASE OF SUBCUTANEOUS OR INTRAMUSCULAR INJECTION, SEEK HELP AT ONCE.

===== Fire Fighting Measures =====

Flash Point:>249F,>121C
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHI

NG APPARATUS. EVACUATE AREA. COOL

FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT, ELIMINATE SOURCES
OF IGNITION, AND VENTILATE AREA AS REQUIRED. RECOVER FREE LIQUID.
ABSORB SMALL SPILL WITH INERT MATERIAL. PLACE WASTE IN DOT APPROVED
CONTAINER FOR DI

SPOSAL. KEEP MATERIAL FROM WATERWAYS.

Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AREA AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT
IN USE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:AVOID BREATHING OF MIST. MINIMIZE PERIODS OF
EXPOSURE TO HIGH TEMPERATURE. AVOID WATER CONTAMINATION.

===== Exposure Controls/Personal Protection ==

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Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS
PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND
NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:RUBBER GLOVES OR OTHER OIL RESISTANT.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE
WORK CLOT

HING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED
CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING OR DRINKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

USE AIR-SUPPLIED RESPIRATORY EQUIPMENT IF EXPOSED TO HOT FUMES. TREAT
EMPTY CONTAINERS AS DANGEROUS; DO NOT PRESSURIZE, CUT, WELD, BRAZE,
SOLDER, DRILL, GRIND OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS,
PILOT LIGHTS, STATIC ELECTRICITY. RESIDUE MAY

BE DIFFICULT TO
REMOVE.

===== Physical/Chemical Properties =====

HCC:V6

Solubility in Water:TRACE

Appearance and Odor:DARK YELLOW-GREEN TO BLACK-BLUE WITH SLIGHT
IRIDESCENCE; LIGHT OILY ODOR

Percent Volatiles by Volume: