

EXXON CO USA, A DIV OF EXXON CORP. -- 1830 INSULATING OIL (ASTM D3487-88 TYPE I) --  
9160-00-685-0914

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

Product ID:1830 INSULATING OIL (ASTM D3487-88 TYPE I)

MSDS Date:10/24/1988

FSC:9160

NIIN:00-685-0914

MSDS Number: BJYJD

=== Responsible Party ===

Company Name:EXXON CO USA, A DIV OF EXXON CORP.

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Co

Country:US

Info Phone Num:713-656-5949

Emergency Phone Num:713-870-6000/713-656-2443

CAGE:29700

=== Contractor Identification ===

Company Name:EXXON COMPANY U.S.A.

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-656-5949 / 713-656-3424

CAGE:29700

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

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

CAS:64742-53-6

RTECS #:PY8036000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFI

ED  
ACGIH TLV:5 MG/M3 (OIL MIST)

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===== 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 AN EFFECT ON  
THE KIDNEYS FOR EX  
POSURE TO MATERI ALS SIMILAR TO THIS. ABOVE  
TEMPERATURES OF 100F, 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.  
Medical Cond Aggravated by Exposure:PERSO  
NS WITH A HISTORY OF EYE, SKIN  
AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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===== 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 OXYGEN. GET MEDICAL HELP  
IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING. GE  
T MEDICAL  
ATTENTION AT ONCE. IN CASE OF SUBCUTANEOUS OR INTRAMUSCULAR  
INJECTION, SEEK HELP AT ONCE.

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

Flash Point Method:COC  
Flash Point:293F,145C  
Autoignition Temp:Autoignition Temp Text:>400F  
Lower Limits:0.9  
Upper Limits:7  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATU

S. 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 DISPOSAL. KEEP

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 =====

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 CLOTHING AND APPROPRIATE

PROTECTIVE EQUIPMENT AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDER 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.

T TO  
REMOVE.

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

HCC:N1

Boiling Pt:B.P. Text:460F,238C

Melt/Freeze Pt:M.P/F.P Text:-50F,-46C

Vapor Pres:5 AIR=1

Spec Gravity:0.88

Viscosity:55 SSU

Evaporation Rate & Reference: