

## **MIL-L-2104E OE30;QUAL#MC-2877;XI-OE/HDO-30**

### **MSDS Number**

BHBZY

### **National Stock Number**

9150-00-188-9858

### **Product Name**

MIL-L-2104E OE30;QUAL#MC-2877;XI-OE/HDO-30

### **Manufacturer**

IMPERIAL OIL CO INC

### **Product Identification**

Product ID:MIL-L-2104E OE30;QUAL#MC-2877;XI-OE/HDO-30

MSDS Date:04/10/1989

FSC:9150

NIIN:00-188-9858

MSDS Number: BHBZY

### **Responsible Party**

IMPERIAL OIL CO.,INC.

ORCHARD PLACE

MORGANVILLE , NJ 07751

US

Emergency Phone: 201-591-9400 (OCTAGON PROCESS)

Info Phone: 201-591-9400 (OCTAGON PROCESS)

Preparer: WILLIAM J. MAHONEY

Cage: 58563

### **Contractor**

OCTAGON PROCESS INC.

EDGEWATER, NJ 07020

US

201-945-9400

Cage: 82925

### **Ingredients**

REFINED HEAVY PARAFFINIC DISTILLATES(LUBE OIL BASE STOCK

CAS: 64741-88-4

Fraction By Weight: 94-96%

OSHA PEL5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

PROPRIETARY ADDITIVES;EXXON CHEMICAL CORPORATION

Fraction By Weight: 4-6%

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF  
EYES,SKIN,RESPIRATORY OR G.I.TRACTS;CNS EFFECTS LIKE

HEADACHE,DIZZINESS,NAUSEA,VOMITING;CHRONIC:IRRITATION,DRYING OF SKIN,DEFATTING OR DERMATITIS POSSIBLE.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:EYE:MILD IRRITATION SKIN:IRRITATION WITH PROLONGED REPEATED.CONTACT.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

## First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

## Fire Fighting

Flash Point:440F,227C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED

## Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER;DO NOT ALLOW TO SEWER AND WATERWAYS.

Neutralizing Agent:NOT APPLICABLE.

## Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:PRODUCT IS COMBUSTABLE. USE CAUTION AROUND HEAT,FLAME,IGNITION SOURCES.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:ROOM VENTILATION OR LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION, WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.HANDLE EMPTY CONTAINERS WITH CARE.

## Chemical Properties

HCC:V6

Boiling Pt:B.P. Text:600F/316C

Vapor Pres:1.0 MMHG

Vapor Density:1.0

Spec Gravity:1.0

Viscosity:GRADE 30

Evaporation Rate & Reference:Solubility in Water:INSOLUBLE

Appearance and Odor:DARK AMBER LIQUID,NO ODOR.

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## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: IF BURNED; CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES, SULFUR COMPOUNDS.

## Disposal

Waste Disposal Methods: CONSULT LOCAL AUTHORITIES. DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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