

## **60,505-40 LUBRICATING OIL, MIL-L-2104-40**

### **MSDS Number**

BHBTC

### **National Stock Number**

9150-00-188-9862

### **Product Name**

60,505-40 LUBRICATING OIL, MIL-L-2104-40

### **Manufacturer**

BATTENFELD AMERICA INC

### **Product Identification**

Product ID: 60,505-40 LUBRICATING OIL, MIL-L-2104-40

MSDS Date: 11/01/1990

FSC: 9150

NIIN: 00-188-9862

MSDS Number: BHBTC

### **Responsible Party**

BATTENFELD AMERICA INC

1575 CLINTON ST

BUFFALO, NY 14200

US

Emergency Phone: 716-822-8410

Info Phone: 716-822-8410

Preparer: THOMAS MISELLE

Cage: 61808

### **Contractor**

BATTENFELD AMERICA INC

BUFFALO, NY 14206

US

716-822-8410

Cage: 61808

### **Ingredients**

MINERAL OIL

CAS: 64742-65-0

RTECS: PY8038500

Fraction By Weight: 90.75%

ACRYLIC COPOLYMER (ROHM & HAAS CO. PHILADELPHIA, PA)

Fraction By Weight: 0.25%

LUBRIZOL 4837

Fraction By Weight: 9.00%

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MANUFACTURER STATES,"PRODUCT HAS BEEN USED FOR YEARS WITH NO KNOWN ILL EFFECTS. IT CONTAINS NO KNOWN CARCINOGENS OT MUTAGENS AS DEFINED BY OSHA OR IARC." PRODUCT IS VERY MILDLY IRRITATING TO BODY TI SSUES. MOST LIKELY HAZARD IS THAT OF BREATHING THE MIST OR VAPORS SHOULD THE PRODUCT BE HEATED OR MISTED.  
Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:EYE:MILD IRRITATION. SKIN:POSSIBLE MILD IRRITATION. INHALED:RESPIRATORY IRRITATION,POSSIBLE PULMONARY EDEMA IF MIST IS INHALED. INGESTED:NONE GIVEN BY MANUFACTURER (SUPPLIER).  
Medical Cond Aggravated by Exposure:NONE REPORTED

## First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED:D O NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

## Fire Fighting

Flash Point Method:COC  
Flash Point:440F,227C  
Autoignition Temp:Autoignition Temp Text:470F  
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG. WATER, ESPECIALLY STREAM, MAY CAUSE FROTHING.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING 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

Spill Release Procedures:RECOVER AS LIQUID IF POSSIBLE. ADSORB REMAINDER ON EARTH,SAND,SAWDUST,ETC. KEEP OUT OF DRAINS, SEWERS, AND WATERWAYS. STORE IN CLOSED CONTAINERS PENDING DISPOSAL.  
Neutralizing Agent:NONE

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED AREA.  
Other Precautions:NONE

## Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR OIL MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.  
Ventilation:NORMAL ROOM VENTILATION SHOULD BE SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST IF NEEDED (OIL MIST).  
Protective Gloves:NEOPRENE OR BUTYL RUBBER (OIL RESISTANT)  
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES S  
Other Protective Equipment:AS NEEDED TO PREVENT PROLONGED/REPEATED CONTACT.  
Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. MINIMIZE PERSONAL CONTACT. WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
MSDS RECEIVED FROM NAVY. NAVY IDENTIFIED NSN. ALSO DOD LABEL WAS SUPPLIED, THIS PROBABLY FILLED OUT BY NAVY.

## Chemical Properties

HCC:V6

Boiling Pt:B.P. Text:700F,371C  
Spec Gravity:0.89  
pH:UNKNON  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:FLUID OIL, BLAND ODOR  
Percent Volatiles by Volume:UNKNON  
Corrosion Rate:N/KNOWN

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION  
Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE

## Disposal

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE, LOCAL REGULATIONS.  
MFR SUGGESTS RECYCLE OR IF THAT IS NOT PRACTICLE TO INCINERATE.

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