

BORNE CHEMICAL CO,INC -- LUBRICATING OIL,ENGINE,MIL-L-2104,10W GRADE --
9150-00-189-6727

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

Product ID:LUBRICATING OIL,ENGINE,MIL-L-2104,10W GRADE

MSDS Date:07/17/1992

FSC:9150

NIIN:00-189-6727

MSDS Number: BNDRZ

=== Responsible Party ===

Company Name:BORNE CHEMICAL CO,INC

Address:632 SOUTH FRONT ST

City:ELIZABETH

State:NJ

ZIP:07207

Country:US

Preparer's Name:DOD H

MIS/DGSC-SSH

CAGE:17425

=== Contractor Identification ===

Company Name:BORNE CHEMICAL CO INC

Address:632 SOUTH FRONT ST

Box:City:ELIZABETH

State:NJ

ZIP:07200

Country:US

Phone:201-351-1717

CAGE:17425

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

Ingred Name:PETROLEUM HYDROCARBON

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3(OIL MIST) 92

Ingred Name:ADDITIVES

Other REC Limits:NONE SPECIFIED

===== Hazards Identification ==

=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE/SKIN: SLIGHT IRRITATION.
INHALATION: VAPORS/MISTS MAY CAUSE RESPIRATORY IRRITATION,
DIZZINESS AND MAUSEA. INGESTION: NOT EXPECTED TO BE A PROBLEM.
CHRONIC: NONE KNOWN.
Explanation of Carcinogenicity:USED ENGINE OIL MAY CAUSE CANCER. REMOVE
OIL CONTAMINATED CLOTHING AND WASH ALL SKIN CONTACT AREAS WITH SOAP

AND WATER.

Effects of Overexposure:EYE: IRRITATION. SKIN: IRRITATION. INHALATION:
RESPIRATORY IRRITATION, DIZZINESS AND NAUSEA.
Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING DISEASE
INVOLVING THE EYES, SKIN OR RESPIRATORY TRACT MAY BE AT INCREASED
RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION
PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOT
HING.
WASH SKIN AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR.
IF NOT BRE ATHING GIVE CPR. GET MEDICAL ATTENTION.INGESTION: DO NOT
INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:COC
Flash Point:401F,205C
Extinguishing Media:DRY CHEM, FOAM, CARBON DIOXIDE.
Fire Fighting Procedures:DO NOT USE WATER EXCEPT AS FOG. PRODUCT WILL
FLOAT AND CAN BE REIGNITED.
Unusual Fire/Explosion Hazard:NONE

=

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

Spill Release Procedures:REMOVE SOURCES OF IGNITION. PROVIDE ADEQUATE
VENTILATION. CONTAIN SPILL IF VOLUME SIGNIFICANT AND TRANSFER INTO
CONTAINERS FOR RECYCLE OR DISPOSAL. ABSORB RESIDUAL SPILL WITH
INERT ABSORBENT. SHOVEL A BSORBED WASTE TO A CONTAINER FOR
DISPOSAL.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AR

EA. KEEP AWAY FROM HEAT, FLAMES, IGNITION SOURCES, AND STRONG OXIDENTS. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:PROLONGED OR REPEATED CONTACT WITH USED OIL MAY HARM SKIN AND MAY CAUSE CANCER. PROMPTLY WASH CONTAMINATED AREAS WITH SOAP AND WATER.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS AND MISTS. USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.

Ventilation:MECHANICAL (GENERAL) VENTILATION ADEQUATE TO MAINTAIN PEL/TLV WITHIN RECOMMENDED LEVELS.

Protective Gloves:NOT NORMALLY REQUIRED.

Eye Protection:SAFETY GOGGLES IF SPLASHING EXPECTED.

Other Protective Equipment:NONE REQUIRED UNDER NORMAL CONDITIONS.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

THIS GENERIC "MSDS" WAS GENERATED IN-HOUSE BASED ON "MSDS'S" IN HMIS FOR SIMILAR PRODUCT. WHEN A MANUFACTURER'S SPECIFIC "MSDS" IS PROVIDED FOR PRODUCT PROCURED UNDER THIS NSN, THIS GENERIC "MSDS" WILL BE REPLACED.

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

HCC:V6

Spec Gravity:0.88

Evaporation Rate & Reference:NIL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:FLUIDITY-LIKE MOTOR OIL, MILD PETROLEUM ODOR

Percent Volatiles by Volume:UNKNON

=====

=====
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:EXTREME HEAT, OPEN FLAMES AND OTHER IGNITION SOURCES.

Hazardous Decomposition Products:WILL FORM CARBON DIOXIDE ON COMPLETE COMBUSTION AND CARBON MONOXIDE ON PARTIAL COMBUSTION.

=====
===== Disposal Considerations =====

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF WASTE IN ACC

ORDANCE WITH LOCAL, STATE AND FEDERAL
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suit
ability of this information to their
particular situation.