

MOBIL OIL CORP -- VACTRA OIL NO. 2 -- 9150-00-045-4317

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

Product ID:VACTRA OIL NO. 2

MSDS Date:08/22/1995

FSC:9150

NIIN:00-045-4317

MSDS Number: BZNQD

=== Responsible Party ===

Company Name:MOBIL OIL CORP

Address:3225 GALLONS ROAD

City:FAIRFAX

State:VA

ZIP:22037-0001

Country:US

Info Phone Num:800-662-4525/800-227-0707 X3265

Emergency Phone Num:609-737-4411/CHEMTRE

C 800-424-9300

Preparer's Name:MOBIL OIL CORPORATION

CAGE:1E969

=== Contractor Identification ===

Company Name:MOBIL CHEMICAL CO., CHEMICAL COATINGS DIV.

Address:RT 27 AND VINEYARD RD.

Box:250

City:EDISON

State:NJ

ZIP:08818-0250

Country:US

Phone:609-737-4411 OR 800-424-9300

CAGE:77988

Company Name:MOBIL OIL CORP

Address:530 EAST SWEDESFORD ROAD

Box:1031

City:VALLEY FORGE

State:PA

ZIP:19482

Country:US

Phone:703-849-3265

CAGE:1E969

Company Name:MOBIL OIL CORP, NORTH AMERICAS MARKETING AND REFINING

Address:3225 GALLOWS ROAD
Box:City:FAIRFAX
State:VA
ZIP:22037
Country:US
Phone:800-662-4525/ 856-224-4644
CAGE:3U728

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

Ingred Name:BARIUM (SARA 313) (BY TCLP)
CAS:7440-39-3
RTECS #:CQ8370000
Fraction by Wt: 0.0230%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 MG/M3

Ingred Name:TRICRESYLPHOSPHATE; PHOSPHORIC ACID, TRIS(METHYLPHENYL)
ESTER).
CAS:1330-78-5
RTECS #:TD0175000
Fraction by Wt: 0.02%
Other REC Limits:NONE RECOM
MENED

Ingred Name:PER MSDS: SEE CONTAINER LABEL FOR INGREDIENT INFORMATION.
Other REC Limits:NONE RECOMMENDED

Ingred Name:PRODUCT ASSESSED IAW OSHA 29 CFR 1910.1200 & DETERMINED NOT
BE HAZARDOUS.
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 RAT>2000MG/KG SIMILAR PROD/ING

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

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

Health Hazards Acute an

d Chronic:NO SIGNIFICANT EFFECTS EXPECTED.

PRACTICALLY NON-TOXIC, NON EYE IRRIT, NON SKIN IRRIT BASED ON
TESTING OF SIMILAR PRODUCTS &/OR THE COMPONENTS. TLV 5.00 MG/M3
SUGGESTED FOR OIL MIST.

Explanation of Carcinogenicity:BASE OIL IN PROD SEVER SOLVT REFINED
&/OR SEVER HYDROTREAT.CHRONIC MOUSE SKIN PAINT STUDIES SHOW NO
EVIDENCE OF CARC EFF

Effects of Overexposure:NO SIGNIFICANT EFFECTS EXPECTED.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

=====

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

First Aid:EYE:FLUSH THOROUGHLY W/WATER.IRRIT OCCURS CALL PHYSICIAN.
SKIN:WASH AREA W/SOAP/WATER. INHAL:REMOVE FROM FURTHER EXPO.RESP
IRRIT/DIZZ/NAU/UNCONSC OCCUR SEEK IMMED MED ASSIST/CALL
PHYSICIAN.BREATH STOP SUE MOUTH-TO-MOUTH RESUSC. INGEST:NOT
EXPECTED TO BE PROBLEM WHEN INGEST.IF UNCOMFORTABLE SEEK MED
ASSIST.

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

Flash Point Method:COC
Flash P
oint:>399F,>204C
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER FOG.
Fire Fighting Procedures:H2O/FOAM MAY CAUSE FROTH.COOL FIRE-EXPO CNTNR
W/H2O.FLUSH SPILL AWAY FRM EXPO W/H2OSPRAY.PREVENT RUNOFF FRM FIRE
CNTRL/DIL ENTER STREAM/SEWERS/DRINK H2O (SUPPL)
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:REPORT AS REQUIRED TO APPROP AUTHOR.SPILL
REACH WATERSAY(INCLUDING INTERMITTENT DRY CRE
EKS)CALL COAST GUARD
800-424-8802.ABSORB ON FIRE RETARDANT TREATED SAWDUST/DIATOMACEIOUS
EARTH/ETC.SHOVELUP/DISPO .PREVENT ENTERING STORM
SEWERS/DRAN/CONTACT SOIL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT STORE IN OPN/UNLABEL
CNTNRS.STORE AWAY FROM STRONG OXIDIZING AGENTS/COMBUST MATL.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Co
ntrols/Personal Protection =====

Respiratory Protection:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS
OF USE & W/ADEQUATE VENTILATION.
Ventilation:USE IN WELL VENTILATED AREA.
Protective Gloves:FOLLOW GOOD PERSAL HYGIENE PRACTICES.
Eye Protection:NORMAL INDUSTRIAL EYE PROT PRACTICES.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:NORMAL GOOD HYGIENE PRACTICES.
Supplemental Safety and Health
FIREFIGHTING:FIRES IN ENCLSD AREAS FIREFIGHTERS MUST

USE SCBA.

DISPO:W/APPLICABLE LAWS/REGS/CONSIDERATION OF PROD CHARACTERISTICS
@DISPO TIME.UNUSED PROD SUBJ TO RCRA REGS DUE TO BARIUM
PRESENT(0.0230 %)(TCLP).DISPO OF USED PROD MAY BE REG DUE
IGN/CORR/RACT/TOX PER TCLP.SARA 313 REPORTABLE:NONE.

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

HCC:V6

Boiling Pt:B.P. Text:>601F,>316C

Vapor Pres:2.0

Spec Gravity:0.879

Viscosity:>63.2CST @40C

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUID, BROWN COLOR,
MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:EXTREME HEAT.

Hazardous Decomposition Products:PHOSPHORUS OXIDES, SULFUR OXIDES,
CARBON MONOXIDE.

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

Waste Disposal Methods:PROD SUITABLE FOR BURN IN ENCLSD/CNTRL BURNER
FOR FUEL VAL/DISPO BY SUPERVISED INCINERATION(LIMITED PURSUANT TO
RCRA).PROD SU

ITABLE FOR PROCESSING BY APPROVED RECYCL FAC/DISPO
@GOVT APPROVED WASTE DIS PO FACIL.ALL METHODS SUBJ TO
COMPLIANCE(SUPPLEME)

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 suitability of this information to their particular situation.