

FMC CORP -- REOLUBE(R) MP 280B -- 9150-01-113-2047

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

Product ID:REOLUBE(R) MP 280B

MSDS Date:11/01/1994

FSC:9150

NIIN:01-113-2047

MSDS Number: BGMJY

=== Responsible Party ===

Company Name:FMC CORP

Address:2000 MARKET ST.

City:PHILADELPHIA

State:PA

ZIP:19103-3230

Country:US

Info Phone Num:215-299-6000

Emergency Phone Num:215-299-6000

CAGE:93090

=== Contractor Identification ===

Company Name:FMC CORP AGRICULTURAL CHEMICAL DIV

Address:1735 MARKET ST

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3230

Country:US

Phone:303-595-9048/800-321-1362

CAGE:91976

Company Name:FMC CORP CHEMICAL PRODUCTS GROUP

Address:2000 MARKET ST.

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3230

Country:US

Phone:215-200-6000

CAGE:93090

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

Ingred Name:TERT-BUTYL PHENYL PHENYL PHOSPHATE

CAS:68937-40-6

Fraction by Wt: 60-100%

Ot

her REC Limits:NONE RECOMMENDED

Ingred Name:TRIPHENYL PHOSPHATE

CAS:115-86-6

RTECS #:TC8400000

Fraction by Wt: 7-13%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3 MG/M3

ACGIH TLV:3 MG/M3; 9394

Ingred Name:MIL-H-19457C LIMITS TRI-O-CRESYL PHOSPHATE (TOCP) TO 1%
MAX.

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:53 G/KG (ORL RAT)

Routes of Entry: Inhalation:UNKNOWN Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO

OSHA:NO

Health Hazards Acute and Chronic:ACUTE: LARGE QUANTITIES MAY CAUSE
IRRITATION AND ILLNESS WHEN INHALED, INGESTED, OR CONTACTED WITH
SKIN OR EYE. CHRONIC: REPEATED EXPOSURE MAY CAUSE SKIN, EYE, MUCOUS
MEMBRANE OR RESPIRATORY SYSTEM IRRITATION.

Effects of Overexposure:IRRITATION TO EYES, SKIN & MUCOUS MEMBRANES.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER

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

First Aid:EYE:IMMEDIATELY FLO

OD WITH LARGE AMOUNTS OF WATER FOR 15

MINUTES. SKIN:WASH THOROUGHLY WITH SOAP AND WATER. IF

COMPLICATIONS DEVELOP, CONTACT A PHYSICIAN. INHALATION:REMOVE TO
FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT.

INGESTION:IMMEDIATELY DILUTE CONTAMINANT BY DRINKING A PINT OF
TEPID TAP WATER. THEN INDUCE VOMITING BY TICKLING THE BACK OF THE
THROAT. GIVE NOTHING TO UNCONS.

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

Flash Point Method:SCC

F

Flash Point:460F,238C

Autoignition Temp:Autoignition Temp Text:995F

Extinguishing Media:WATER FOG, CO2, DRY CHEMICAL, MULTIPURPOSE FOAM

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH

APPROVED SELF-CONTAINED BREATHING APPARATUS. DO NOT ENTER CONFINED
FIRE SPACE W/O SCBA

Unusual Fire/Explosion Hazard:SLIGHTLY COMBUSTIBLE,NO EXPLOSION HAZARD.

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

Spill Release Procedures:KEEP MATERIAL OUT OF STREAMS AND SEWER

S.

ABSORB SPILLED MATERIAL ON COMMERCIAL OIL ABSORBANT, SAND OR
DIRT(SOIL). PUT THE CONTAMINATED ABSORBANT INTO A DOT APPROVED
CONTAINER & DISPOSE OF ACCORDING TO THE METHODS OUTLINED BELOW FOR
WASTE DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN
USE. KEEP AWAY FROM OPEN FLAMES. PROTECT FROM PHYSICAL DAMAGE.
STORE & HANDLE AWAY FROM FOOD PROCESSING

Other Precautions:WEAR RESPIRATOR FOR MIST PROTECTION, PROTECTIVE
CLOTHING & GLOVES WHEN HANDLING. IMMEDIATELY REMOVE CONTAMINATED
CLOTHING AND LAUNDRER BEFORE REUSE. DISCARD CONTAMINATED LEATHER
SHOES.

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

Respiratory Protection:IN HIGH TEMPERATURE APPLICATIONS OR EXPOSURE TO
MISTING, USING NIOSH CERTIFIED ORGANIC VAPOR CARTRIDGE. USE NIOSH
RESPIRATOR AND SELF-CONTAINED BREATHING APPARATUS IN EMERGENCY
SITUATIONS.

Ventilation:USE MATERIAL IN AREAS WITH MECHANICAL (GENERAL)
VENTILATION.

Protective Gloves:RUBBER NON-PERMEABLE GLOVES

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:WHEN DIRECT CONTACT ON SKIN IS EXPECTED,
RUBBER OR OTHER IMPERVIOUS COVERALLS OR SUITS AND BOOTS SHOULD BE
WORN.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING WITH SOAP &
WATER.

Supplemental Safety and Health

THIS MATERIAL IS FIRE RESISTANT & USED ON AIRCRAFT ELEVATORS ABOARD

AIRCRAFT CARRIERS.

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

HCC:V6
Vapor Pres:0.033
Spec Gravity:1.15
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR,ODORLESS LIQUID
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS
Stability Condition to Avoid:EXCESS HEAT, IGNITION SOURCES
Hazardous Decomposition Products:UNDER FIRE CONDITIONS, TOXIC ACID
VAPO
RS MAY BE FORMED FROM PHOSPHORUS OXIDES.

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

Waste Disposal Methods:BURN IN AN INCINERATOR IN ACCORDANCE WITH ALL
LOCAL, STATE AND FEDERAL ENVIRONMENTAL LAWS, RULES, REGULATIONS,
STANDARDS AND OTHER REQUIREMENTS. CONTACT APPROPRIATE REGULATORY
AGENCIES PRIOR TO DISPOS AL FOR CURRENT REGULATORY REQUIREMENTS.

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