

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 Ident

ification ===

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%

O

ther 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

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===== 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

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

First Aid:EYE:IMMEDIATELY FL

WASH 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.

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

Flash Point Method:SCC

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 SEWERS.

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.

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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 S

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  
VAP  
ORS 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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