

MAGNOLIA CHEMICALS AND SOLVENTS CO -- MIL-C-10578D TYPE I -- 6850-00-656-1291

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

Product ID:MIL-C-10578D TYPE I

MSDS Date:12/18/1991

FSC:6850

NIIN:00-656-1291

MSDS Number: BPXXN

=== Responsible Party ===

Company Name:MAGNOLIA CHEMICALS AND SOLVENTS CO

Address:1020 SAMS AVE

City:JEFFERSON

State:LA

ZIP:70123

Country:US

Info Phone Num:504-733-6600 FAX: 504-736-9200

Em

ergency Phone Num:504-733-6600

CAGE:0LNB7

=== Contractor Identification ===

Company Name:MAGNOLIA CHEMICALS AND SOLVENTS

Address:1020 SAMS AVENUE

Box:10276

City:NEW ORLEANS

State:LA

ZIP:70181-0278

Country:US

Phone:504-733-6600

CAGE:0LNB7

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

Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 62%

OSHA PEL:1 MG/M3/3 STEL

ACGIH TLV:1 MG/M3/3 STEL; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

In

Chemical Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 1.1%
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

=====
===== 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:IRRITATION TO EYES, NOSE AND THROAT.
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.
Medical
Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION-FRESH AIR. SKIN-WASH WITH LOTS OF WATER.
EYES-FLUSH WITH WATER FOR 15 MIN, GET MEDICAL ATTENTION.
INGESTION-IMMEDIATELY ADMINISTER LARGE QUANTITIES OF WATER OR MILK.
DO NOT INDUCE VOMITING. THEN ADMINISTER MILK OF MAGNESIA (20 ML).
IF VOMITING OCCURS SPONTANEOUSLY, ADMINISTER FLUID REPEATEDLY.

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

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:NONE
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE.
Fire Fighting Procedures:FIREMAN SHOULD WEAR MINIMUM PROTECTION, ALL
PURPOSE CANISTER GAS MASKS APPROVED BY THE U.S. BUREAU OF MINES.
Unusual Fire/Explosion Hazard:THIS PRODUCT IS NOT FLAMMABLE BUT IT CAN
REACT WITH METALS TO LIBERATE FLAMMABLE HYDROGEN GAS.

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

Spill Release
Procedures:NEUTRALIZE WITH BASIC MATERIAL, FLUSH WITH
PLENTY OF WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CONTAINS MINERAL ACIDS. VAPORS
HARMFUL. AVOID CONTACT WITH EYES AND SKIN. HARMFUL IF SWALLOWED.
CAUSES SEVERE BURNS.
Other Precautions:STORE DRUMS AWAY FROM HEAT AND OUT OF DIRECT
SUNLIGHT. IN HOT WEATHER, LOOSEN PLUGS OF STORED DRUMS WEEKLY OR
MORE FREQU

ENTLY. READ ALL INSTRUCTIONS CAREFULLY BEFORE USING.

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

Respiratory Protection:TO CONTROL EXCESS VAPOR CONCENTRATIONS.
Ventilation:LOCAL EXHAUST IF NEEDED.
Protective Gloves:YES
Eye Protection:YES
Other Protective Equipment:PROTECTIVE CLOTHING IF NEEDED.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.LAUNDER
CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
NONE.

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

HCC:C1
Boiling Pt:B.P. Text:224F,107C
Vapor Pres:LOW
Vapor Density:>1
Spec Gravity:1.312
Evaporation Rate & Reference:LOW,(N-BUTYL ACETATE=1)
Solubility in Water:COMPLETE 100%
Appearance and Odor:CLEAR, RED LIQUID, MILD PERFUME ODOR.
Percent Volatiles by Volume:50.0

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

Stability Indicator/Materials to Avoid:YES
CAN REACT WITH METALS, TO LIBERATE HYDROGEN.
Stability Condition to Avoid:NONE
Haza
rdous Decomposition Products:OXIDES OF PHOSPHOROUS.

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

Waste Disposal Methods:RINSE DRUM THOROUGHLY, RECYCLE OR DISCARD.
CONSULT LOCAL AUTHORITIES.

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
d

isclaims 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.