

MALTER INTERNATIONAL BULK CHEMICAL DIVISION -- MIL-C-10578D TYPE 1;CORROSION
REMOVING COMP -- 6850-00-270-5551

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

Product ID:MIL-C-10578D TYPE 1;CORROSION REMOVING COMP

MSDS Date:07/01/1989

FSC:6850

NIIN:00-270-5551

MSDS Number: BDRRJ

=== Responsible Party ===

Company Name:MALTER INTERNATIONAL BULK CHEMICAL DIVISION

Address:80 FIRST STREET

City:N/KTNA

State:LA

ZIP:

70053

Country:US

Info Phone Num:504-362-3232

Emergency Phone Num:504-362-3232

CAGE:27978

=== Contractor Identification ===

Company Name:MALTER INTERNATIONAL BULK CHEMICAL DIVISION

Address:80 FIRST STREET

Box:City:GRETNA

State:LA

ZIP:70053

Country:US

Phone:504-362-3232, OR 800-535-4095

CAGE:27978

===== 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/M

3/3 STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred 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:HEALTH HAZARD TO EYES,SKIN,UPPER
RESPIRATORY TRACT.
Effects of Overexposure:EYES:IRRITATION,BURNS.
SKIN:IRRITATION,BURNS,DERMATITIS. INHALATION:UPPER RESPIRATORY
TRACT IRRITATION. INGESTION:HARMFUL IF SWALLOWED.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN
OR RESPIRATORY DISEASES MAY BE MORE ADVERSELY AFFECTED.

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

First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.GET MEDICAL
ATTENTION. SKIN:WASH WITH PLENTY OF WATER WHILE REMOVING
CONTAMINATED CLOTHING AND SHOES. INHALATION:
REMOVE TO FRESH AIR.
INGESTION:IMMEDIATELY GIVE LARGE AMOUNTS OF WATER OR MILK.DO NOT
INDUCE VOMIT.THEN,GIVE MILK OF MAGNESIA.

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

Flash Point:NONE
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unus

ual 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:WEAR PROTECTIVE CLOTHING.NEUTRALIZE.ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.
Neutralizing Agent:20% SODIUM BICARBONATE (BAKING SODA) SOLUTION.

===== 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:NONE.

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

Respiratory Protection:NIOSH-APPROVED RESPIRATOR WITH CARTRIDGE FOR ACID FUMES AND MISTS OR SCBA AS REQUIRED FOR EXPOSURE OF CONCERN.
Ventilation:LOCAL EXHAUST IF NEEDED.
Protective Gloves:PVC.
Eye Protection:GOGGLES.
Other Protective Equipment:PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.
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

METALS, ALKALIES.

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: OXIDES OF PHOSPHOROUS.

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

Waste Disposal Methods: CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This informatio

n 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.