



AC 500

MSDS Number

BBLSC

National Stock Number

7930-00F002782

Product Name

AC 500

Manufacturer

ROCHESTER MIDLAND

Product Identification

Product ID:AC 500
MSDS Date:12/15/1988
FSC:7930
NIIN:00F002782
MSDS Number: BBLSC

Responsible Party

ROCHESTER MIDLAND
333 HOLLENBECK ST
ROCHESTER , NY 14603-1515
US
Emergency Phone: 716-266-2250
Info Phone: 716-266-2250
Cage: 13091

Contractor

ROCHESTER MIDLAND CORPORATION
1515
ROCHESTER, NY 14603-1515
US
716-336-2200
Cage: 13091

Ingredients

PHOSPHORIC ACID
CAS: 7664-38-2
RTECS: TB6300000
Fraction By Weight: 56%
OSHA PEL1 MG/CUM
ACGIH TLV: 1 MG/CUM
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: CORROSIVE & ALSO TO THE MUCOUS
MEMBRANES. SKIN: SEVERE IRRITATION, BURNING. INGESTION: HARMFUL,



IRRITATION, SWELLING & TISSUE DAMAGE TO MOUTH, THROAT & ESOPHAGUS.
INHALATION: IRRITATING TO NOSE & THROAT.
Explanation of Carcinogenicity:NONE
Medical Cond Aggravated by Exposure:RESPIRATORY

First Aid

First Aid:EYES/SKIN: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS.
INGESTION: DON'T INDUCE VOMITING. DILUTE BY DRINKING SEVERAL
GLASSES OF MILK OR WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN
MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:NONE
Extinguishing Media:AS FOR SURROUNDING FIRE. PRODUCT WILL NOT BURN.
Fire Fighting Procedures:USE SCBA. COOL EXPOSED CONTAINERS W/WATER
SPRAY.
Unusual Fire/Explosion Hazard:CAN REACT W/METALS TO GENERATE HYDROGEN.
THIS GAS IS FLAMMABLE &/OR EXPLOSIVE IN THE PRESENCE OF AN IGNITION
SOURCE.

Accidental Release

Spill Release Procedures:SMALL SPILLS: FLUSH W/PLENTY OF WATER. LARGE
SPILLS: DIKE TO PREVENT RUNOFF, RECLAIM ALL POSSIBLE. NEUTRALIZE
RESIDUES W/SODA ASH OR LIME W/ADEQUATE VENTILATION & FLUSH W/WATER.
Neutralizing Agent:SODA ASH OR LIME

Handling

Handling and Storage Precautions:DON'T MIX W/CHLORINE SANITIZERS. STORE
AS ACID MATERIAL IN A COOL, DRY AREA AWAY FROM OXIDIZERS. DON'T
REUSE EMPTY CONTAINERS.
Other Precautions:READ & FOLLOW LABEL DIRECTIONS. AVOID BREATHING SPRAY
MISTS. KEEP OUT OF REACH OF CHILDREN.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH APPROVED ACID
RESPIRATOR IF SPRAY MIST IN AIR.
Ventilation:NOT NORMALLY REQUIRED. LOCAL EXHAUST W/CORROSION RESISTANT
& EXPLOSION PROOF EQUIPMENT.
Protective Gloves:RUBBER OR PLASTIC
Eye Protection:GOGGLES
Other Protective Equipment:RUBBER OR PLASTIC TO PREVENT PROLONGED SKIN
CONTACT.
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:245F
Vapor Pres:AS WATER
Vapor Density:AS WATER
Spec Gravity:1.37
pH:Evaporation Rate & Reference:LESS THAN WATER
Solubility in Water:COMPLETE
Appearance and Odor:VISCOUS LIGHT AMBER LIQUID W/MILD ODOR.
Percent Volatiles by Volume:30-35%

Stability

Stability Indicator/Materials to Avoid:YES
DON'T MIX W/ALKALINE OR CHLORINE CONTAINING CLEANERS. METALS SUCH AS
ALUMINUM OR ZINC.
Hazardous Decomposition Products:HYDROGEN

Disposal

Waste Disposal Methods:TRAINED & PROPERLY EQUIPPED PERSONNEL MAY DILUTE
& NEUTRALIZE WASTE VERY CAREFULLY W/DILUTE ALKALI IN ACCORDANCE
W/FEDERAL, STATE & LOCAL REGULATIONS.



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