



## **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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