

RHONE-POULENC, NORTH AMERICAN CHEMICALS ZONE -- PHOSPHORIC ACID 75%, 80% & 85%
(SEE SUPP DATA) -- 6850-00-854-7952

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

Product ID:PHOSPHORIC ACID 75%, 80% & 85% (SEE SUPP DATA)

MSDS Date:12/18/1995

FSC:6850

NIIN:00-854-7952

Status Code:A

MSDS Number: CHVWG

=== Responsible Party ===

Company Name:RHONE-POULENC, NORTH AMERICAN CHEMICALS ZONE

Address:CN 7500

Box:7500

Ci

ty:CRANBURY

State:NJ

ZIP:08512-7500

Country:US

Info Phone Num:800-922-2189/609-860-4000

Emergency Phone Num:800-334-7577/800-424-9300(CHEMTREC)

CAGE:LO044

=== Contractor Identification ===

Company Name:FINE ORGANICS CORP

Address:6935 W 62ND ST

Box:City:CHICAGO

State:IL

ZIP:60638

Country:US

Phone:312-586-8000

CAGE:0W138

Company Name:RHONE-POULENC, NORTH AMERICAN CHEMICALS ZONE

Box:7500

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State:NJ

ZIP:08512-7500

Country:US

Phone:609-860-4000

CAGE:LO044

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===== Composition/Infor

mation on Ingredients =====

Ingred Name:PHOSPHORIC ACID (SARA 313) (CERCLA)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 35%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL; 9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 2740 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Haza

rds Acute and Chronic:EYE CONTACT CAUSES TISSUE DESTRUCTION,
PERMANENT DAMAGE TO CORNEA, BLINDNESS. SKIN CONTACT CASUES
IRRITATION, BURNS. INHALATION OF MISTS MAY CAUSE LUNG IRRITATION.
INGESTION MAY CAUSE SEVERE CORROSION /BURNS TO MOUTH & ESOPHAGUS,
CHEST PAIN, GI TRACT IRRITATION, SEIZURES, POSSIBLE DEATH.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Overexposure:EYES-TISSUE DE

STRUCTION, PERMANENT DAMAGE TO
CORNEAS, BLINDNESS. SKIN-IRRITATION, BURNS. INHALED-LUNG
IRRITATION, SHORTNESS OF BREATH, FLUID IN LUNGS. INGESTED-NAUSEA,
VOMITING, DIARRHEA, CORROSION, BURNS TO MOUTH & ESOPHAGUS,
ABDOMINAL PAIN, CHEST PAIN, SHORTNESS OF BREATH, SEIZURES, DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE
CPR.

CALL A PHYSICIAN. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER
FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF SOAP
AND WATE R. REMOVE CONTAMINATED CLOTHING AND SHOES. INGESTION: DO
NOT INDUCE VOMITING. IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO
DRINK. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. CALL A PHYSICIAN.

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

Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE
FOR SUR

ROUNDING FIRE.

Fire Fighting Procedures:EVACUATE AREA. FIREFIGHTERS WEAR SCBA AND PROTECTIVE CLOTHING. IF EXPOSED, IMMEDIATELY RELIEVE FROM DUTY AND OBTAIN PROMPT MEDICAL ATTENTION.

Unusual Fire/Explosion Hazard:NOT COMBUSTIBLE.

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

Spill Release Procedures:REMOVE PERSONEL. VENTILATE. WEAR RESPIRATOR AND PROTECTIVE CLOTHING. SLOWLY, NEUTRALIZE SPILL. ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAIN

ER. FLUSH AREA

WITH LARGE AMOUNTS OF WATER.

Neutralizing Agent:SODA ASH, SODIUM BICARBONATE, OR LIME.

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA AWAY FROM YELLOW OR RED LABEL ITEMS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. CORROSIVE TO MILD STEEL AND ALUMINUM.

Other Precautions:SUITABLE CONTAINERS ARE GLASS, POLYETHYLENE LINED DRUMS, FIBERGLASS. WHEN HANDLING THIS PRODUCT WEAR PROTECTIVE

CLOTHING AND EQUIPMENT. WHEN DILUTING, ALWAYS ADD ACID SLOWLY TO WATER. STIR WELL TO AVOID SPATTERING. NEVER ADD WATER TO ACID.

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

Respiratory Protection:USE NIOSH/MSHA-APPROVED RESPIRATOR FOR ACID MISTS WHEN HANDLING SPILLS OR LEAKS, OR WHEN AIRBORNE CONCENTRATIONS EXCEED EXPOSURE LIMITS.

Ventilation:PROVIDE SUFFICIENT LOCAL EXHAUST VENTILATION TO CONTROL INHALATION EXPOSURES BELOW OSHA'S PEL.

Protective Gl

oves:NEOPRENE, NITRILE OR NATURAL RUBBER.

Eye Protection:SAFETY GOGGLES AND FULL FACE SHIELD.

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED. HAVE OXYGEN READILY AVAILABLE.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

PRODUCT HAS BEEN DISCONTINUED PER VENDOR REP (ARLENE BENNETT). ONLY M

SDS AVAILABLE WAS FOR 75% OR HIGHR PHOSPHORIC ACID. A PRIMARY INGREDIENT BUT NOT THE PRODUCT IN TOTAL (WAS ONLY HAZMAT). DATA REPRE SENTED HERE IS FOR PHOSPHORIC COMPONENT ONLY NOT THE COMPLETE PRODUCT (NO MSDS AVAILABLE).

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

HCC:C1

Boiling Pt:B.P. Text:275F,135C

Melt/Freeze Pt:M.P/F.P Text:1F,-17C

Vapor Pres:5.65

pH: