

FMC CORP -- PHOSPHORIC ACID (70-85%) -- 4910-01-030-6643

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

Product ID:PHOSPHORIC ACID (70-85%)

MSDS Date:07/01/1981

FSC:4910

NIIN:01-030-6643

MSDS Number: BKLLL

=== Responsible Party ===

Company Name:FMC CORP

Address:2000 MARKET ST.

Box:NONE

City:PHILADELPHIA

State:PA

ZIP:19103-3230

Country:US

Info Phone Num:215-299-6000

Emergency Phone Num:215-299-6000

CAGE:93090

=== Contractor Identification ===

Company Name:CRANE RESISTOFLEX CO

Address:2575 W 5TH ST

Box:City:JACKSONVILLE

State:FL

ZIP:32205

Country:US

Phone:904-389-3400

CAGE:50599

Company Name:FMC CORP CHEMICAL PRODUCTS GROUP

Address:2000 MARKET ST.

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3230

Country:US

Phone:215-200-6000

CAGE:93090

Company Name:STRATEGIC PROCUREMENT SERVICE INC, W AND W LOGISTICS DIV

Address:2 MADISON ROAD

Box:City:FAIRFIELD

State:NJ

ZIP:07004

Country:US

Phone:973-575-6620

CAGE:793

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Company Name:WARD INDUSTRIES, INC

Address:29 PORETE AVENUE

Box:City:NORTH ARLINGTON

State:NJ

ZIP:07032-6797

Country:US

Phone:201-991-8777

CAGE:7H162

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

Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 70-85%

Other REC Limits:NONE SPECIFIED

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fra

ction by Wt: BALANCE

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 1530 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE: CAN CAUSE BURNS TO EYES AND SKIN. IRRITATIONG TO UPPER RESPIRATORY TRACT. INGESTION: SLIGHTLY TOXIC.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS

LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE, SKIN & RESPIRATORY TRACT IRRITATION. MAY CAUSE COUGHING, WHEEZING AND OTHER DIFFICULTIES IN BREATHING.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH PRE-EXISTING DISEASE INVOLVING THE RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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===== 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 & WATER. REMOVE CONTAMINATED CLOTHING/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:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire

Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:DIKE AREA AND NEUTRALIZE. SCOOP UP OR VACUUM UP. RINSE RESIDUAL TRACES WITH WATER. PRACTICALLY NON-TOXIC TO

AQUATIC LIFE.

Neutralizing Agent:SODA ASH

===== 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, FIBERGLAS, ETC.

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

Respiratory Protecti

on:IF VENTILATION DOES NOT MAINTAIN INHALATION

EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR DECISION LOGIC-PUBLICATION NUMBER 87.108.

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

Protective Gloves:NEOPRENE OR RUBBER

Eye Protection:SAFETY GOGGLES & FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

IN

DUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

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

Supplemental Safety and Health

DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS OR MISTS. WASH HANDS AND FACE AFTER USE. KEEP CONTAINER CLOSED WHEN NOT IN USE. THIS IS PART B OF A THREE PART KIT. SAME NSN.

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

HCC:C1

Boiling Pt:B.P. Text:266F,130C

Vapor Pres: