View NSN Online: https://aerobasegroup.kr/nsn/6810-00-264-6722 MONSANTO CO -- PHOSPHORIC ACID -- 6810-00-264-6722 ============ Product Identification ========================= Product ID:PHOSPHORIC ACID MSDS Date:12/12/1988 FSC:6810 NIIN:00-264-6722 MSDS Number: BDQWC === Responsible Party === Company Name: MONSANTO CO Address:800 N LINDBERGH BLVD City:ST LOUIS State:MO ZIP:63167 Country:US Info Phone Num:314-694-2333 Emergency Phone Num:314-694-1000 COLLECT CAGE:76541 === Contractor Id entification === Company Name: MONSANTO COMPANY Address:800 N LINDBERGH BLVD Box: City: SAINT LOUIS State:MO ZIP:63167 Country:US Phone:314-694-6661 OR 800-332-3111 CAGE:76541 ======= Composition/Information on Ingredients ========

Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000 Fraction by Wt: 75 - 85%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG/M3/3 STEL

ACGIH TLV:1 MG/M3/3 STEL; 9293

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

====== Haza



LD50 LC50 Mixture:LD50 (ORAL, RAT) 3,500-4,400 MG/KG

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:CORROSIVE. ACUTE- EYE:MAY CAUSE SEVERE IRRITATION, BURNS, PERMANENT TISSUE DAMAGE. SKIN:MAY CAUSE SEVERE IRRITATION. NO IMMEDIATE BURNING SENSATIONS MAY BE EXPECTED. INHALED:MIST/VAPORS MAY CAUSE SEVE RE RESPIRATORY IRRITATION. ORAL:MAY CAUSE SEVER

E DIGESTIVE SYSTEM IRRITATION & BURNS, TISSUE DAMAGE.CHRONIC- UNKNOWN.

Effects of Overexposure:CORROSIVE. SEVERE EYES, SKIN, RESPIRATORY AND DIGESTIVE TRACTS IRRITATION AND BURNS

Medical Cond Aggravated by Exposure: NOT KNOWN

First Aid:GET MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN:IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. O RAL:DO

NOT INDUCE VOMI TING. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER/MILK. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SEL

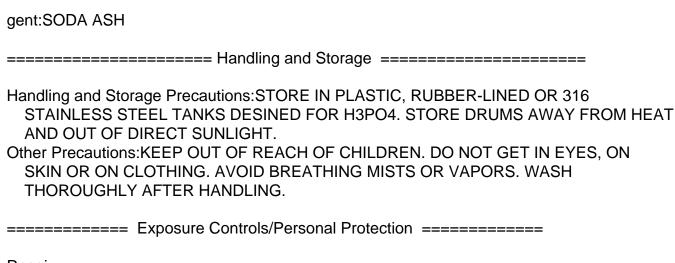
F CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: CAN REACT WITH METALS TO LIBERATE HYDROGEN. A FLAMMABLE GAS.

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

Spill Release Procedures:WEAR FACE PROTECTION, RUBBER BOOTS, APRON AND GLOVES. DIKE SPILL WITH SAND OR CLAY TO KEEP IT OUT OF SEWER SYSTEM. NEUTRALIZE WITH SODA ASH. REQUIRES GOOD VENTILATION AS CO2 IS PRODUCED. PLACE NEUTRAL IZED SPILL IN DOT APPROVED DISPOSAL CONTAINER

Neutralizing A



Respi

ratory Protection:IF LEVELS EXCEED THE RECOMMENDED HEALTH
STANDARDS, WEAR A NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR FOR
ACID. FOR EMERGENCY USE, WEAR A NIOSH APPROVED POSITIVE-PRESSURE
MODE, SELF-CONTAINED BREATHI NG APPARATUS (SCBA).

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 S HOWER.

INDUSTRIAL-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

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

HCC:C1

Boiling Pt:B.P. Text:275F-309F

Melt/Freeze Pt:M.P/F.P Text:0.5F - 70F

Vapor Pres:0.03 @ 68F Spec Gravity:1.575 - 1.692

pH:<2

Evaporation Rate & Dr. Reference: NOT RELEVANT

Solubili

ty in Water:COMPLETE					
Appearance and Odor:CLEAR,	COLORLESS,	SYRUPY	LIQUID -	NO ODO)R

======== Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES STRONG ALKALIES, METALS, SULFIDES AND SULFITES Stability Condition to Avoid: EXCESSIVE HEAT Hazardous Decomposition Products:NONE

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

Waste Disposal Methods: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND L OCAL LAWS AND REGULATIONS. REPORTABLE QUANTITY (RQ) IS 5000 LBS.

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