

POLY RESEARCH CORPORATION -- SODIUM PHOSPHATE TRIBASIC -- 6810-00-043-0758

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

Product ID:SODIUM PHOSPHATE TRIBASIC

MSDS Date:01/27/1995

FSC:6810

NIIN:00-043-0758

MSDS Number: CFQVS

=== Responsible Party ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

Info Phone Num:516-758-0460

Emergency Phone Num

:800-424-9300 (CHEMTREC)

CAGE:64713

=== Contractor Identification ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

Box:City:HOLTSVILLE

State:NY

ZIP:11742-2007

Country:US

Phone:516-758-0460

CAGE:64713

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

Ingred Name:PHOSPHORIC ACID, TRISODIUM SALT, DODECAHYDRATE; (NA*3PO*4)

CAS:10101-89-0

RTECS #:TC9575000

OSHA PEL:N/K

ACGIH TLV:N/K

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

===== Hazards

Identification =====

LD50 LC50 Mixture:LD50:(ORAL,RAT) 7400.

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

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

Health Hazards Acute and Chronic:ACUTE:INGESTION:INGESTION MAY CAUSE NAUSEA, VOMITING AND DIARRHEA. INHALATION:INHALATION OF DUST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. SKIN ABSORPTION:NONE IDENTIFIED. SKIN CONTACT:MAY CAUSE SEVERE IRRITATION OR BURNS. EYE CONTACT:MAY CAUSE SEVERE IRRITATION OR BURNS. CHRONIC:NONE IDENTIFIED.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:EYES:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN:FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING & SHOES. LAUNDER BEFORE RE-USE. INHAL:REMOVE TO FRESH AIR, IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS LABORED, ADMINISTER OXYGEN. CALL MD. INGEST:CALL MD. IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER & INDUCE VOMITING.

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

Extinguishing Media:APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . MOVE CONTAINERS FROM FIRE AREA IF IT CAN BE DONE W/OUT RISK. USE WATER TO KEEP EXPOSED CNTNRS COOL.

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Unusual Fire/Explosion Hazard:CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE.

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

Spill Release Procedures:WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE CLOTHING. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER & COVER; REMOVE FROM AREA. FLUSH SPILL AREA W/WATER. CERCLA REPORTABLE QTY:50 00 LBS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED.
SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA.

Other Precautions:CAUSES IRRITATION. HARMFUL IF SWALLOWED OR INHALED.
AVOID CONTACT W/EYES, SKIN & CLOTHING. USE W/ADEQUATE VENTILATION.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN
APPROPRIATE NIOSH APPROV
ED RESPIRATOR OR DUST MASK.

Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP
FUME OR DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS(SUPDAT)

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET
ANSI DESIGN CRITERIA . UNIFORM IS REQUIRED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
EYE PROT:& FULL LENGTH FACESHIELD .

===== Physi
cal/Chemical Properties =====

HCC:T6

Spec Gravity:1.62

Solubility in Water:APPRECIABLE (>10%)

Appearance and Odor:WHITE OR COLORLESS, CRYSTALLINE SOLID; ODORLESS.

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, IRON & OTHER HEAVY METALS.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Products:OXIDES OF PHOSPHORUS.

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

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Disposal Methods: DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS.

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