

J T BAKER INC -- PHOSPHORIC ACID, O260 -- 6810-00-300-6121

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

Product ID:PHOSPHORIC ACID, O260

MSDS Date:05/01/1989

FSC:6810

NIIN:00-300-6121

MSDS Number: BQNDP

=== Responsible Party ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:800-582-2537

Emergency Phone Num:908-859-2151;800-424-9300

(CHEMTREC)

CAGE:DO803

=== Contractor Identification ===

Company Name:J T BAKER INC

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:1-800-582-2537

CAGE:DO803

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

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

Ingred Name:PHOSPHORIC ACID (SARA III). LD50 (ORAL, RAT):1530 MG/KG

CAS:7664-38-2

RTECS

#:TB6300000

Fraction by Wt: 85-100%

OSHA PEL:1 MG/M3;3 MG/M3 STEL

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

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:SEE INGREDIENTS

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

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

Health Hazards Acute and Chronic:ACUTE:INHAL:SEVERE IRRITATION OF
RESPIRATORY SYSTEM. SKIN/EYES:SEVERE IRRITATION OR BURNS.

INGEST:BURNS TO

MOUTH, THROAT AND STOMACH. 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:INGEST:CALL MD. DO NOT INDUCE VOMIT. IF CONSCIOUS, GIVE
WATER, MILK/MILK OF MAGNESIA. INHAL:REMOVE TO FRESH AIR. IF NOT
BREATHING, GIVE ARTIFICIAL RESP. IF BREATHING IF DIFFICULT, GIVE
OXYGEN. SKIN:IM MEDIATELY FLU

SH W/PLENTY OF WATER FOR AT LEAST 15

MINUTES WHILE REMOVING CONTAMINATED CLOTHING & SHOES. WASH CLOTHING
BEFORE RE-USE. EYE:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST
15 MINUTES.

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

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL OR
ORDINARY FOAM.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:GIVES OFF FLAMMABLE VAPO

RS. VAPORS MAY

FORM EXPLOSIVE MIXTURE WITH AIR. CLOSED CONTAINERS EXPOSED TO HEAT
MAY EXPLODE.

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

Spill Release Procedures:WEAR SCBA & FULL PROT CLOTHING. STOP LEAK IF
YOU CAN DO SO WITHOUT RISK. VENT AREA. NEUTRALIZE SPILL W/SODA
ASH/LIME. W/ CLEAN SHOVEL, CAREFULLY PLACE MATL INTO CLEAN, DRY
CONTR & COVER, REMOVE FROM A REA. FLUSH SPILL AREA W/WATER.

Neutralizing Agent:J.T. BAKER NEUTRASORB OR TEAM 'LOW NA+'

ACID NEUT
ARE REC FOR SPILLS OF PROD.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE
IN CORROSION-PROOF AREA. CAUSES BURNS. HARMFUL IF SWALLOWED.
Other Precautions:DO NOT GET IN EYES.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESP PROT REQ IF AIRBORNE
CONC EXCEEDS TLV. AT CONC UP TO 12 PPM, A NIOSH/MSHA APPROVED HIGH

EFFICIENCY PARTICULATE RESP IS REC. ABOVE THIS TLV, A NIOSH/MSHA
APPROVED SCBA IS ADVIS ED.

Ventilation:USE GENERAL OR LOCAL VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:POLYVINYL ALCOHOL GLOVES.

Eye Protection:CHEM WORK GOGG W/FULL LGTH FCSHLD.

Other Protective Equipment:UNIFORM, LAB COAT, APRON, PROTECTIVE SUIT.

EMERGENCY EYE WASH AND DELUGE SHOWER .

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

PH:1.5 (0.1M SOLUTION).

=====

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

Boiling Pt:B.P. Text:316F,158C

Melt/Freeze Pt:M.P/F.P Text:69.8F,21C

Vapor Pres:2.2

Vapor Density:3.4

Spec Gravity:1.71 (H*2O = 1)

pH:SUPDAT

Solubility in Water:COMPLETE (100%)

Appearance and Odor:COLORLESS VISCOUS LIQUID. ODORLESS.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

MOST COMMON METALS, STRONG BASES.

Stability Condition to Avoid:NON

E IDENTIFIED.

Hazardous Decomposition Products:OXIDES OF PHOSPHORUS.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER:D002, D003 (CORROSIVE, REACTIVE WASTE).

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.