

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

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Product Identification  
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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

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Composition/Information on Ingredients  
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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

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===== 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.

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===== 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.

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===== 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.

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===== 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.

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===== 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.

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===== 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 ADVISED.

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).

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===== 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

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===== 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).

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