

J.T.BAKER CHEMICAL CO. -- TRISODIUM PHOSPHATE 12-HYDRATE -- 6810-01-038-1175

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Product Identification  
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Product ID:TRISODIUM PHOSPHATE 12-HYDRATE

MSDS Date:05/23/1989

FSC:6810

NIIN:01-038-1175

MSDS Number: BGGWS

=== Responsible Party ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:201-859-2151

Emergency

Phone Num:201-859-2151

CAGE:DO870

=== Contractor Identification ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Phone:201-859-2151

CAGE:DO870

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:SODIUM PHOSPHATE, TRIBASIC (SARA III)

CAS:10101-89-0

RTECS #:TC9575000  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL RAT LD50 IS 7400 MG/KG  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SODIUM PHOSPHATE IS SEVERLY IRRITATING TO BODY TISSUES, ESPECIALLY MOIST ONES SUCH AS THE MUCOUS MEMBRANES. DUSTS WILL IRRITATE THE UPPER RESPIRATORY TRACT CAUSING COUGHING.  
Explanation of Carcinogenicity:SODIUM PHOSPHATE IS NOT LISTED AS A CARCINOGEN BY IARC, NTP, OR OSHA.  
Effects of Overexposure:EYE:SEVERE IRRITATION. SKIN:IRRITATION,POSSIBLE DERMATITIS. INHALED;RESPIRATORY IRRITATION,COUGHING,CHOKING,LARGE QUANTITIES MAY BE TOXIC. INGESTED:IRRITATION,BURNS OF MOUTH & THROAT. WILL PRODUCE NAUSEA,VOMITING,DIARRHEA.  
Medical Cond Aggravated by Exposure:NONE GIVEN BY MANUFACTURER.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. INGESTED:GIVE 2 LARGE GLASSES OF MILK OR WATER AND IMMEDIATELY INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL CARE.

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

Flash Point:NON-FLAMMABLE  
Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH MEDIA APPROPRIATE FOR SOURCE OF FIRE.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

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Spill Release Procedures:SWEEP,VACUUM OR OTHERWISE COLLECT, BEING CAREFUL NOT TO RAISE DUST. THEN FLUSH AREA WITH WATER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL,DRY AREA,PROTECTED FROM MOISTURE. KEEP TIGHTLY CLOSED.

Other Precautions:NONE

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE

NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:NORMAL ROOM VENTILATION IS SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST IF PEL/TLV IS EXCEEDED.

Protective Gloves:RUBBER,VINYL OR OTHER IMPERVIOUS

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH STATION, WORK CLOTHING TO PROTECT AGAINST SKIN CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

MFR PRODUCT CODE = S1770-04.

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

HCC:N1

Spec Gravity:POWDER

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE CRYSTALLINE POWDER, NO ODOR

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

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ORGANIC ACIDS, IRON AND OTHER HEAVY METALS.

Stability Condition to Avoid: HEAT

Hazardous Decomposition Products: OXIDES OF PHOSPHORUS

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

Waste Disposal Methods: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER MAKES NO SUGGESTION OF DISPOSAL METHOD.

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