

J T BAKER INC -- SODIUM BORATE, 10-HYDRATE, 3574 -- 6505-00-300-0571

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Product Identification  
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Product ID:SODIUM BORATE, 10-HYDRATE, 3574

MSDS Date:05/01/1989

FSC:6505

NIIN:00-300-0571

MSDS Number: BSTXQ

=== 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:201-839-2151

Emergency Phone Num:800-

424-8802;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:SODIUM BORATE, DECAHYDRATE; (SODIUM BORATE, 10 HYDRATE)

CAS:1303-96-4  
RTECS #:VZ2275000  
Fraction by Wt: 99-100%  
OSHA PEL:10 MG/M3  
ACGIH TLV:5 MG/M3

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

LD50 LC50 Mixture:LD50:(ORAL,RAT)2660 MG/KG  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: HARMFUL IF SWALLOWED/INHAL.  
INHAL/SKIN/EYE/SKIN ABSORP: NONE IDENTIFIED. INGEST: NAUSEA,  
VOMITING. 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 A PHYSICIAN. IF SWALLOWED, IF CONSCIOUS, IMMEDIATELY  
INDUCE VOMITING. INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE  
ARTF RESP. IF BREATHING IS DEFICIENT, GIVE OXYGEN. SKIN: FLUSH WITH  
WATER. EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15  
MINUTES.

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

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING  
FIRE.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NONE IDENTIFIED BY MANUFACTURER.

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

Spill Release Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE CLOTHING. W/CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO  
CONTAINER.

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CLEAN, DRY CONTAINER AND COVER; REMOVE FROM AREA. FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED.

SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA. AVOID CONTACT WITH EYES/SKIN/CLOTHING. AVOID BREATHING DUST.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, A NIOSH/MSHA APPROVED DUST/MIST RESPIRATOR IS RECOMMENDED. IF CONCENTRATION EXCEEDS CAPACITY OF RESPIRATOR, A NIOSH/MSHA APPROVED SCBA IS ADVISED.

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

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGLES .

Other Protective Equipment:LAB COAT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

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

Boiling Pt:B.P. Text:608F,320C

Melt/Freeze Pt:M.P/F.P Text:167F,75C

Spec Gravity:1.73(H<sub>2</sub>O=1)

Solubility in Water:MODERATE (1-10%)

Appearance and Odor:WHITE CRYSTALS, ODORLESS

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, METALLIC

SALTS.

Stability Condition to Avoid:NONE DOCUMENTED BY MANUFACTURER.

Hazardous Decomposition Products:OXIDES.

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

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

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