

J.T. BAKER INC. -- SODIUM THIOSULFATE PENTAHYDRATE -- 6810-00-233-0110

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Product Identification
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Product ID:SODIUM THIOSULFATE PENTAHYDRATE

MSDS Date:05/01/1989

FSC:6810

NIIN:00-233-0110

MSDS Number: BPBJW

=== Responsible Party ===

Company Name:J.T. BAKER INC.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:201-859-2151

Emergency Phone Num:201-8

59-2151, CHEMTREC 800-424-9300

CAGE:HO785

=== Contractor Identification ===

Company Name:J.T. BAKER INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:202-483-7616

CAGE:HO785

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 THIOSULFATE, PENTAHYDRATE

CAS:10102-17-7

RTECS

#:WE6660000

Fraction by Wt: 99-100%

Other REC Limits:NONE SPECIFIED

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

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

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

Health Hazards Acute and Chronic:ACUTE-CAUSES EYE AND SKIN IRRITATION.

INGESTION:LARGE DOSES MAY CAUSE IRRITATION, NAUSEA, AND DIARRHEA.

CHRONIC-CONJUNCTIVITIS AND DERMATITIS.

Effects of Overexposure:EYE AND SKIN IRRITATION; REDNESS OF EYE;

VOMITING AND DIARRHEA.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH SOAP & WATER.EYE:FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS OPEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDUCE VOMITING.IF CONSCIOUS,RINSE MOUTH WITH WATER & CALL PHYSICIAN.

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

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Flash Point:NON-COMBUSTIBLE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:TOXIC FUMES MAY BE EVOLVED

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

Spill Release Procedures:WEAR APPROVED RESPIRATOR AND CHEMICALLY COMPATIBLE GLOVES. VACUUM OR SWEEP UP SPILLAGE. AVOID CREATING DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL. WASH CONTAMINATED CLOTHING BEFORE REUSE. VENTILATE AREA AND WASH SPILLSITE.

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

Handling and Storage Precautions:STORAGE-STORE IN COOL, DRY AREA, AWAY FROM ACIDS, OXIDIZERS, MOISTURE.

Other Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE DUST. DO NOT GENERATE DUST. WASH CONTAMINATED CLOTH

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BEFORE REUSE. KEEP CONTAINER TIGHTLY CLOSED, HYGROSCOPIC.

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

Respiratory Protection:USE A NIOSH APPROVED DUST RESPIRATOR. IF SULFUR DIOXIDE SHOULD BE RELEASED, USE A SUPPLIED-AIR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL. PROVIDE LOCAL EXHAUST IF DUSTY CONDITIONS PREVAIL, AND IF THERE SHOULD BE A RELEASE OF SULFUR DIOXIDE GAS.

Protective Gloves:COTTON GLOVES ARE GENERALLY ADEQUATE.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:EYE-WASH FOUNTAIN, SAFETY SHOWER, FULL WORK CLOTHING,INCLUDING LONG-SLEEVED SHIRT AND TROUSERS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING THIS MATERIAL AND BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:118F,48C

Spec Gravity:1.7

pH:6.5-8.

Solubility in Water:COMPLETE

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 OXIDIZERS, ACIDS, LEAD, IODINE, SILVER AND MERCURY SALTS

Stability Condition to Avoid:HIGH TEMPERATURES, FLAMES

Hazardous Decomposition Products:SULFUR OXIDES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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