

J.T.BAKER CHEMICAL CO. -- SODIUM CHLORATE -- 6810-00-262-8587

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Product Identification  
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Product ID:SODIUM CHLORATE

MSDS Date:06/26/1986

FSC:6810

NIIN:00-262-8587

MSDS Number: BDQCW

=== 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:201-859-2151/800-4

24-9300(CHEMTREC)

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 CHLORATE

CAS:7775-09-9

RTECS #:FO0525000

Fraction b

y Wt: 58.44%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL RAT LD50: 1200 MG/KG

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

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

Health Hazards Acute and Chronic:PRODUCE IS IRRITATING TO BODY TISSUES.  
NO CHRONIC EFFECTS IDENTIFIED.

Explanation of Carcinogenicity:NONE IDENTIFIED

Effects of Overexposure:EYE: SEVERE IRRITATION. SKIN: IRRITATION.  
INHAL

ED: RESPIRATORY IRRITATION, POSSIBLE RESPIRATORY SYSTEM  
DAMAGE. INGESTED: HEADACHE, NAUSEA, VOMITING, DIZINESS,  
GASTROINTESTINAL IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15  
MIN. SKIN: FLUSH SKIN WITH WATER. INHALATION:REMOVE TO FRESH AIR.  
IF NOT BREATHING GIVE ARTIFICAIL RESPIRATION. IF BREATHING IS

DIFFICUL T, GIVE OXYGEN. INGESTION:\*\* CALL A PHYSICIAN.\*\* IF  
SWALLOWED AND THE PERSON IS CONSCIOUS, IMMEDIATELY GIVE LARGE  
AMOUNTS OF WATER. INDUCE VOMITING.

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

Extinguishing Media:USE WAATER SPRAY

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROPER PROTECTIVE  
EQUIPMENT AND FULL FACEPIECE SCBAOPERATED POSITIVE PRESSURE MODE.  
COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:CAN BE AN  
EXPLOSION HAZARD, ESPECIALLY  
WHEN HEATED. MOVE EXPOSED CONTAINERS FROM FIRE AREA IF IT CAN BE  
DONE WITHOUT RISK.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. KEEP  
COMBUSTABLES (WOOD, PAPER, OIL, ETC.) AWAY FROM SPILLED MATERIAL.  
WITH A CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO A CLEAN, DRY  
CONTAINER AND COVER. REMOVE FROM AREA. FLUSH SPILL AREA WITH  
WATER.

Neutralizing Agent:NONE SP

ECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:\*\*SAF-T-DATA STORAGE COLOR CODE:  
YELLOW (REACTIVE)\*\* KEEP CONTAINER TIGHTLY CLOSED. STORE  
SEPARATELY AND AWAY FROM FLAMMABLE AND COMBUSTABLE MATERIAL  
Other Precautions:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION  
CONDITIONS EXIST  
. IF AIRBORNE CONCENTRATION IS HIGH, USE AN  
APPROPRIATE RESPIRATOR OR DUST MASK.  
Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP  
FUME OR DUST LEVELS AS LOW AS POSSIBLE.  
Protective Gloves:PROPER GLOVES  
Eye Protection:SAFETY GOGGLES  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:MFR: ? HMIS:USE GOOD CHEMICAL HYGIENE  
PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING  
OR DRINKING.  
Supplemental Safety and Health

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MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.

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

HCC:D1  
NRC/State Lic Num:NONE  
Melt/Freeze Pt:M.P/F.P Text:478F,248C  
Spec Gravity:POWDER  
Solubility in Water:COMPLETE (100%)  
Appearance and Odor:COLORLESS CRYSTALS, ODORLESS  
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS, ORGANIC MATERIALS AT ELEVATED TEMP

ERATURES, STRONG

REDUCING AGENTS, COMBUSTABLE MATERIALS.

Stability Condition to Avoid:HEAT FLAME AND OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:EXPLOSIVE PEROXIDES

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:EPA HAZARDOUS WASTE NO. D001. DISPOSE IN  
ACCORDANCE WITH ALL APPICBLE FEDERAL, STATE AND LOCAL REGULATIONS.

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