

J T BAKER INC -- SODIUM BICARBONATE, 3508 -- 6505-00-257-2525

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Product Identification  
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Product ID:SODIUM BICARBONATE, 3508  
MSDS Date:01/04/1994  
FSC:6505  
NIIN:00-257-2525  
MSDS Number: BXFQF  
=== Responsible Party ===  
Company Name:J T BAKER INC  
Address:222 RED SCHOOL LANE  
City:PHILLIPSBURG  
State:NJ  
ZIP:08865  
Country:US  
Info Phone Num:908-859-2151  
Emergency Phone Num: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 BICARBONATE (1:1)  
CAS:144-55-8  
RTECS #:VZ0950000  
Fraction by Wt: 99-100%  
OSHA PEL

:N/K  
ACGIH TLV:N/K

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Hazards Identification  
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LD50 LC50 Mixture:LD50(ORAL,RAT):4220 MG/KG  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION/SKIN  
ABSORPTION/INGESTION:NONE IDENTIFIED. SKIN/EYE:IRRITATION.  
CHRONIC:NONE IDENTIFIED. EXPOSURE TO THIS PRODUCT MAY HAVE SERIOUS  
ADVERSE HEALTH EFFECTS. THIS CHEMICAL MAY INTERACT WITH OTHER  
SUB  
STANCES. THE USER SHOULD RECOGNIZE THAT THIS PRODUCT CAN CAUSE  
SEVERE INJURY AND EVEN DEATH, (EFFECTS OF OVEREXPOSURE)  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HEALTH HAZARDS:ESPECIALLY IF IMPROPERLY HANDLED OR  
THE KNOWN DANGERS OF USE ARE NOT HEEDDED. READ ALL PRECAUTIONARY  
INFORMATION.  
Medical Conditions Aggravated by Exposure:NONE IDENTIFIED.

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First Aid Measures  
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First Aid:INGESTION:IF THE PERSON IS CONSCIOUS, IMMEDIATELY GIVE  
LARGE  
AMOUNTS OF WATER. GET MEDICAL ATTENTION. INHALATION:IF A PERSON  
BREATHES IN LARGE AMOUNTS, MOVE THE EXPOSED PERSON TO FRESH AIR.  
SKIN:IMMEDIATELY WASH WITH PLENTY OF SOAP AND WATER FOR AT LEAST  
15 MINUTES. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT  
LEAST 15 MINUTES.

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Fire Fighting Measures  
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Flash Point Method:CC  
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING  
FIRE.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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Accidental Release Measures  
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Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. CAREFULLY  
SWEEP UP AND REMOVE.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED.  
SUITABLE FOR ANY GENERAL CHEMICAL

CAL STORAGE AREA.

Other Precautions:THE USER IS RESPONSIBLE FOR DETERMINING PRECAUTIONS & DANGERS OF THIS CHEM FOR HIS/HER PARTICULAR APPLICATN. DEPENDING ON USAGE, PROT CLTHG INCLUDING EYE & FACE GUARDS & RESPS MUST BE USED TO AVOID CO NT W/THIS MATL/BRTHG CHEM VAPS/FUMES.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN NIOSH/MSHA

APPROVED 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:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED SAFETY GLASSES .

Other Protective Equipment:WEAR SUITABLE PROTECTIVE CLOTHING.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

Melt

/Freeze Pt:M.P/F.P Text:122F,50C

Spec Gravity:2.16 (H\*2O=1)

Solubility in Water:MODERATE (1-10%)

Appearance and Odor:WHITE CRYSTALLINE POWDER. ODORLESS.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

NONE IDENTIFIED.

Stability Condition to Avoid:HEAT, HUMIDITY.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste

Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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