

128087  
DOD Hazardous Materials Information System

DoD 6050.5-L

AS OF July 1998

FSC: 6810  
NIIN: 002814255  
Manufacturer's CAGE: 70829  
Part No. Indicator: A  
Part Number/Trade Name: SODIUM BISULFITE

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General Information

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Item Name: SODIUM METABISULFITE,ACS  
Company's Name: J.T.BAKER CHEMICAL CO.  
Company's Street: 222 RED SCHOOL LANE  
Company's P. O. Box:  
Company's City: PHILLIPSBURG  
Company's State: NJ  
Company's Country: US  
Company's Zip Code: 08865-2219  
Company's Emerg Ph #: 908-859-2151  
Company's Info Ph #: 800-582-2537  
Distributor/Vendor # 1:  
Distributor/Vendor # 1 Cage:  
Distributor/Vendor # 2:  
Distributor/Vendor # 2 Cage:  
Distributor/Vendor # 3:  
Distributor/Vendor # 3 Cage:  
Distributor/Vendor # 4:  
Distributor/Vendor # 4 Cage:  
Safety Data Action Code:  
Safety Focal Point: D  
Record No. For Safety Entry: 011  
Tot Safety Entries This Stk#: 011  
Status: SE  
Date MSDS Prepared: 25SEP89  
Safety Data Review Date: 25MAR92  
Supply Item Manager: CX  
MSDS Preparer's Name:  
Preparer's Company:  
Preparer's St Or P. O. Box:  
Preparer's City:  
Preparer's State:  
Preparer's Zip Code:

128087

Other MSDS Number:  
MSDS Serial Number: BDSZG  
Specification Number: O-C-265B  
Spec Type, Grade, Class:  
Hazard Characteristic Code: J6  
Unit Of Issue: DR  
Unit Of Issue Container Qty: 25 POUNDS  
Type Of Container: STEEL  
Net Unit Weight: 25 POUNDS

Report for NIIN: 002814255

NRC/State License Number: NOT APPLICABLE  
Net Explosive Weight: N/R  
Net Propellant Weight-Ammo: N/R  
Coast Guard Ammunition Code: N/R

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Ingredients/Identity Information

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Proprietary: NO  
Ingredient: SODIUM BISULFITE (SASA III)  
Ingredient Sequence Number: 01  
Percent: 90- 100  
Ingredient Action Code:  
Ingredient Focal Point: D  
NIOSH (RTECS) Number: VZ2000000  
CAS Number: 7631-90-5  
OSHA PEL: 5 MG/M3  
ACGIH TLV: 5 MG/M3; 9192  
Other Recommended Limit: NONE SPECIFIED

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Physical/Chemical Characteristics

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Appearance And Odor: WHITE POWDER, SULFUR DIOXIDE ODOR  
Boiling Point: UNKNOWN  
Melting Point: UNKNOWN  
Vapor Pressure (MM Hg/70 F): UNKNOWN  
Vapor Density (Air=1): UNKNOWN  
Specific Gravity: 1.48  
Decomposition Temperature: UNKNOWN  
Evaporation Rate And Ref: NOT APPLICABLE  
Solubility In Water: APPRECIABLE  
Percent Volatiles By Volume: 0  
Viscosity: N/R

128087

pH: N/R  
Radioactivity: N/R  
Form (Radioactive Matl):  
Magnetism (Milligauss): N/P  
Corrosion Rate (IPY): UNKNOWN  
Autoignition Temperature: N/R

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Fire and Explosion Hazard Data  
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Flash Point: NOT APPLICABLE  
Flash Point Method: N/P  
Lower Explosive Limit: N/R  
Upper Explosive Limit: N/R  
Extinguishing Media: WATER SPRAY  
Special Fire Fighting Proc: WEAR PROTECTIVE EQUIPMENT AND FULL SCBA OPERATED IN POSITIVE PRESSURE MODE. MOVE CONTAINERS FROM FIRE AREA IF POSSIBLE. COOL FIRE EXPOSED CONTAINERS WITH WATER.  
Unusual Fire And Expl Hazrds: CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE.

Report for NIIN: 002814255

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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): HIGH HEAT, OPEN FLAMES, AND OTHER SOURCES OF IGNITION  
Materials To Avoid: STRONG ACIDS, STRONG OXIDIZING AGENTS  
Hazardous Decomp Products: OXIDES OF SULFUR, OXIDES  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT APPLICABLE

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Health Hazard Data  
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LD50-LC50 Mixture: 2000 MG/KG LD50 ORAL RAT  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: NO  
Health Haz Acute And Chronic: ACUTE: SEVERE IRRITATION OR BURNS TO SKIN

128087

AND EYES. INGESTION MAY RESULT IN ALLERGIC REACTIONS, AND COULD ALSO BE FATAL.

Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: SODIUM BISULFITE IS NOT LISTED AS A CARCINOGEN BY NTP, IARC, OR OSHA.

Signs/Symptoms Of Overexp: SEVERE IRRITATION OR BURNING OF SKIN OR EYES.

Med Cond Aggravated By Exp: ASTHMA

Emergency/First Aid Proc: INGESTION: INDUCE VOMITING IMMEDIATELY. CALL DOCTOR. INHALATION: GET FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. SKIN: FLUSH WITH WATER. WASH

WITH PLENTY OF SOAP AND WATER. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER

FOR AT LEAST 15 MINUTES. SEE DOCTOR.

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#### Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: WEAR SCBA AND FULL PROTECTIVE CLOTHING. WITH

CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER;

REMOVE FROM AREA. FLUSH SPILL AREA WITH WATER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISCARD ANY PRODUCT (INCLUDING ANY RETAINED MATERIALS OF USE), DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions-Handling/Storing: STORE IN A COOL, DRY, WELL-VENTILATED AREA.

PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.

Other Precautions: AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID BREATHING DUST. USE WITH ADEQUATE VENTILATION.

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#### Control Measures

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Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXISTS. IF AIRBORNE CONCENTRATION IS HIGH, A DUST/MIST

128087

Report for NIIN: 002814255

RESPIRATOR IS RECOMMENDED. IF CONCENTRATION EXCEEDS CAPACITY OF RESPIRATOR,

A SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

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

128087

AFI ID Number: N/R  
AFI Pack Group: N/R  
AFI Label: N/R  
AFI Special Prov:  
AFI Basic Pac Ref:  
MMAC Code:  
N.O.S. Shipping Name: ZZZ  
Additional Trans Data: NOT REGULATED FOR SHIPPING

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Disposal Data

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Disposal Data Action Code:  
Disposal Data Focal Point: E

Report for NIIN: 002814255

Disposal Data Review Date: 88235  
Rec # For This Disp Entry: 05  
Tot Disp Entries Per NSN: 005  
Landfill Ban Item: YES  
Disposal Supplemental Data: IN CASE OF ACCIDENTAL EXPOSURE OR DISCHARGE,  
CONSULT HEALTH AND SAFETY FILE FOR PRECAUTIONS.  
1st EPA Haz Wst Code New:  
1st EPA Haz Wst Name New: NOT REGULATED  
1st EPA Haz Wst Char New: NOT REGULATED BY RCRA  
1st EPA Acute Hazard New: NO  
2nd EPA Haz Wst Code New:  
2nd EPA Haz Wst Name New:  
2nd EPA Haz Wst Char New:  
2nd EPA Acute Hazard New:  
3rd EPA Haz Wst Code New:  
3rd EPA Haz Wst Name New:  
3rd EPA Haz Wst Char New:  
3rd EPA Acute Hazard New:

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Label Data

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Label Required: YES  
Technical Review Date:  
Label Date:  
MFR Label Number:  
Label Status: G  
Common Name: SODIUM BISULFITE

128087

Chronic Hazard: N/P

Signal Word:

Acute Health Hazard-None:

Acute Health Hazard-Slight:

Acute Health Hazard-Moderate:

Acute Health Hazard-Severe:

Contact Hazard-None:

Contact Hazard-Slight:

Contact Hazard-Moderate:

Contact Hazard-Severe:

Fire Hazard-None:

Fire Hazard-Slight:

Fire Hazard-Moderate:

Fire Hazard-Severe:

Reactivity Hazard-None:

Reactivity Hazard-Slight:

Reactivity Hazard-Moderate:

Reactivity Hazard-Severe:

Special Hazard Precautions: INHAL:RESP TK IRRIT;SKIN/EYE: IRRIT,