

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:

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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

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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

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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.

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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

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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

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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.

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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

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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,