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

General Information

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

Fire and Explosion Hazard Data

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 Hazrd: CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE.

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Reactivity Data

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

Health Hazard Data

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
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 Overexposure: SEVERE IRRITATION OR BURNING OF SKIN OR EYES.

Med Condition Aggravated By Exposure: ASTHMA

Emergency/First Aid Procedures:
- 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.

Precautions for Safe Handling and Use

Steps If Material 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.

Control Measures

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

Transportation Action Code: Transportation Focal Point: D
Trans Data Review Date: 92086
DOT PSN Code: ZZZ
DOT Symbol: N/R
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
DOT Class: N/R
DOT ID Number: N/R
DOT Pack Group: N/R
DOT Label: N/R
DOT/DoD Exemption Number:
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IMO Regulations Page Number: N/R
IMO UN Number: N/R
IMO UN Class: N/R
IMO Subsidiary Risk Label: N/R
IATA PSN Code: ZZZ
IATA UN ID Number: N/R
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IATA UN Class: N/R
IATA Subsidiary Risk Class: N/R
IATA Label: N/R
AFI PSN Code: ZZZ
AFI Symbols:
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI Class: N/R
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

Disposal Data

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: 

Label Data

Label Required: YES
Technical Review Date:
Label Date:
MFR Label Number:
Label Status: G
Common Name: SODIUM BISULFITE
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, DERMATITIS; INGEST: NAUSEA, VOMITING
Protect Eye:
Protect Skin:
Protect Respiratory:
Label Name: J.T. BAKER CHEMICAL CO.
Label Street:
Label P.O. Box:

Report for NIIN: 002814255

Label City:
Label State:
Label Zip Code:
Label Country:
Label Emergency Number: 201-859-2151
Year Procured: