Material Safety Data Sheet – Sodium Formaldehyde Bisulfite

SECTION I · PRODUCT IDENTIFICATION

CHEMTREC – 24HR Emergency Telephone 1-800-424-9300
Manufacturers Address: Information Phone: (912) 443-6702
916 West Lathrop Avenue Date Prepared: 26 Sept 08
Savannah, Georgia 31415 Preparer: F. Spaeth

Synonym: Formaldehyde Sodium Bisulfite
Chemical Family: Formaldehyde Sodium Bisulfite

SECTION II · HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS Number</th>
<th>%WT</th>
<th>TLV</th>
<th>PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Formaldehyde Bisulfite</td>
<td>870-72-4</td>
<td>100</td>
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SECTION III · HAZARDOUS IDENTIFICATION

Potential Acute Health Effects: Slightly irritating in case of skin or eye contact.
Potential Chronic Health Effects: No information found.

SECTION IV · PHYSICAL and CHEMICAL PROPERTIES

Boiling Point Range: Decomposes.
pH: No data.
Solubility In Water: Soluble.
Appearance/Odor: White granular solid with no appreciable odor.
Melting Point/Freezing Point: 392 °F

Vapor Density (Air=1): No available data.
Vapor Pressure: No available data.
VOC %: No data.
Density (H2O=1): No available data.

SECTION V · FIRE FIGHTING MEASURES

Flash Point: None to decomposition.
Auto Ignition: None.
Extinguishing Media: Do not use water jet! Use measures suitable for extinguishing surrounding fire.
Flammable Limits: Lower: N/A Upper: N/A
Fire Fighting Procedures: Do not fight surrounding fire without a positive pressure self-contained breathing apparatus (SCBA) and full bunker firefighter’s protective clothing.
Unusual Fire and Explosion Hazards: Not considered a fire or an explosion hazard.

SECTION VI · STABILITY AND REACTIVITY

Stability: Stable.
Conditions to Avoid: Moisture, red heat surfaces, open flames.
Incompatibility: Avoid contact with water, acids, alkalis, strong oxidizers.
Hazardous Decomposition Products: Oxides of sulfur and carbon.
Hazardous Polymerization: Will not occur. However, polymerization may occur under very high heat conditions.
SECTION VII · STORAGE AND HANDLING

Precautions To Be Taken In Handling and Storage: Always store in tightly sealed, properly labeled, original container. Store in a cool, dry well ventilated area. Observe all warnings and precautions listed on the label for this product.

SECTION VIII · HEALTH AND FIRST AID

Skin: Causes irritation of the skin, accompanied by redness, itching and pain.
Eyes: Causes irritation of the eye accompanied by redness and pain.
Inhalation: Causes irritation to the respiratory tract.
Ingestion: May cause gastric distress accompanied by nausea, vomiting and diarrhea.

FIRST AID PROCEDURES:
Eyes: Flush with large amounts of cool running water for at least 15 minutes. Seek medical attention as necessary.
Skin: Flush excess material off. Wash skin with soap and water. If irritation persists seek medical attention.
Inhalation: For excessive inhalation remove to fresh air. If breathing is difficult seek medical attention.
Ingestion: Do Not induce Vomiting! Have patient drink several glasses of water. Get medical attention immediately.

SECTION IX · EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Goggles, safety glasses with side shields are recommended.
Respiratory Protection: Where adequate ventilation is not available an approved respirator (NIOSH type N95) must be worn.
Skin Protection: Wear chemically impervious clothing and gloves.
Ventilation: General Mechanical ventilation to prevent dust accumulation and exposure below TLV control limits.
Protective Clothing: Selection depends on potential exposure conditions and may include gloves, boots, apron, coveralls and long sleeved clothing.
Other Equipment: Eye wash station and drench shower in close proximity are advised

SECTION X · ACCIDENTAL RELEASE MEASURES

Ventilate area of spill. Wear appropriate PPE as specified in Section IX. Sweep up and containerize for reclamation or disposal. Avoid dust dispersal during clean up operation.
Personal Protection in Case of a Large Spill: Splash goggles. Full Suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be use to avoid inhalation of the product.

SECTION XI · DISPOSAL CONSIDERATIONS

Whatever cannot be salvaged should be managed in an appropriate and approved waste disposal facility. Processing use or contamination of this product may alter its waste classification. State and local disposal regulations may differ from federal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION XII · TRANSPORTAION

Proper Shipping Name: Not Regulated by The U.S. DOT
Hazard Class:
UN Number:
Packaging Group:
SECTION XIII · TOXICOLOGY

Carcinogenicity: Not listed.
Mutagenicity: No data available.
Reproductive: No data available.
Sensitization: Not considered a sensitizer

SECTION XIV · REGULATORY

RMP/PSM: Not listed.
CERCLA-RQ: None established.
EPCRA 311/312: Yes, see Section III
EPCRA 313: Not Listed
FIFRA: No documented information available.
RCRA-CODE: No Hazardous Waste Identification.
TSCA: Listed

SECTION XV · OTHER INFORMATION

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.