



Fort Bend Services
13303 Redfish Lane
Stafford, TX 77477

FBS-BH-301

UN 3139

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Material Safety Data Sheet

Section 1. Identification

Product Name: FBS BH 301

Trade/Chemical: Proprietary aqueous blend of Inorganic Salts.

Health	2
Flammability	0
Reactivity	0

Section 7. Accidental Release Measures

Isolate area from all non-essential personnel. Ventilate area. Wear appropriate protective clothing. Absorb spill with inert material. Collect all contaminated absorbent material into chemical waste containers. Seal lids. Flush area with water and recover rinsate. Dispose of material in accordance with local, state and federal regulations (40 CFR 268).

Section 2. Hazardous Components

Component	CAS Number	%	OSHA PEL
Sodium Nitrite	7632-00-0	< 20.	NE
Sodium Tetraborate	1330-43-4	< 5.	10mg/m3 TWA

Section 8. Control Measures

Exposure & Personal Protection

Respiratory Protection – None needed for ventilated area.
Ventilation - Local Exhaust
Gloves – NIOSH approved, chemical resistant.
Eyewear – Splash proof goggles, face shield
Other Protective Clothing –impervious apron

Section 3. Hazard Identification

Prolonged exposure may cause irritations to skin, eyes and respiratory tract. Swallowing moderate amounts can result with toxic symptoms such as nausea, weakness, coma and interference of oxygen transportation in the circulatory system.

Section 9. Regulatory Information

DOT - OXIDIZING LIQUID, TOXIC, NOS (Sodium Nitrite), 5.1, (6.1 Toxic subsidiary risk), UN 1500, PG III
Labels: Oxidizer and Poison

Section 4. First Aid Measures

Skin: Wash exposed area with water.
Eyes: Wash eyes with water for 15 minutes, lifting eye lids. If irritation persists seek Medical Attention.
Inhalation: Remove to fresh air. If not breathing, give CPR. If difficulty breathing, give oxygen. Seek Medical Attention.
Ingestion: Seek Medical Attention Immediately. If conscious give 2-4 glasses of water and INDUCE Vomiting.

Section 10. Physical and Chemical Properties

Boiling Point	> 100°C
Vapor Pressure (mmHg)	ND
Vapor Density (Air=1)	ND
Solubility in Water	Soluble
Appearance and Odor	White water, odorless
Flash Point (closed cup)	Non flammable
Specific Gravity (H2O=1)	1.10-1.15
pH	10.5 – 11.5

Section 5. Fire Fighting Measures

Extinguisher Type	Use flooding amounts of water or other agents. DO NOT USE dry chemicals that contain ammonium phosphate.
Explosion Hazards	Non-flammable. Oxidizers may support combustion of other materials.
Fighting Procedure	Self contained breathing apparatus and protective. Use water spray to cool fire exposed containers.

Section 11. Stability and Reactivity

Stability	Stable
Materials to Avoid	Acids, Ammonium Salts, Amines, Cyanides, reducing agents and nitrogen compounds.
Conditions to Avoid	Excessive temperatures
Hazardous Polymerization	Will Not Occur
Hazardous Decomposition	Nitrogen and carbon oxides

Section 6. Handling and Storage

Wear appropriate protective equipment. Avoid contact with skin and eyes. Do not breathe vapors. Wash skin with soap and water after handling. Launder contaminated clothing before reuse. Store in cool dry area away from combustible materials.

Section 12. Additional Information

NE	Not Established	NA	Not Applicable
ND	Not Determined		

Date Prepared: April 2005

Approved by: BLC