



Fort Bend Services
13303 Redfish Lane
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FBS 020

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Chemtrec 24 Hour (800) 424.9300

Material Safety Data Sheet FOR: High School

Section 1. Identification

Product Name: **FBS 020**

Trade/Chemical: Aqueous microbiocidal bactericide, fungicide and algacide for industrial systems.

Health	2
Flammability	1
Reactivity	0

Section 7. Accidental Release Measures

Wear appropriate protective clothing (see Section 8). Dike and absorb spill with inert material. Collect all contaminated absorbent material into chemical waste containers. Do not flush directly to sewer or surface waters. Dispose of in a manner approved by local, state and federal regulations (40 CFR 268).

Section 2. Hazardous Components

Component	CAS Number	%	OSHA PEL
2,2-Dibromo-3-nitrilopropionamide	10222-01-2	>15.	ND

Section 8. Control Measures

Exposure & Personal Protection

Respiratory Protection – NIOSH approved respirator
Ventilation - Local Exhaust
Gloves – NIOSH approved, chemical resistant
Eyewear – Splash proof goggles, face shield (ANSI Z87.1 or equivalent).
Other Protective Clothing –impervious apron

Section 3. Hazard Identification

Contact with eyes may cause irreversible damage. May cause skin irritation. Irritant to upper respiratory tract. Avoid breathing vapors. Use adequate ventilation. Material is harmful if swallowed.

Section 9. Regulatory Information

Not regulated by the U.S. Department Of Transportation (DOT) for non-bulk shipments. For bulk shipments regulated as: Environmentally hazardous substance, liquid, nos (2,2-dibromo-3nitrilopropionamide), Class 9, UN 3082, PG III, Label 9, Marine Pollutant

Section 4. First Aid Measures

Skin: Wash exposed area with soap and water. Seek Medical Attention if symptoms persist.
Eyes: Wash eyes with water for at least 15 minutes, lifting lids during washing. Seek Medical Attention Immediately.
Inhalation: Remove to fresh air. If not breathing, give CPR. If breathing is difficult, give oxygen.
Ingestion: Seek Medical Attention Immediately. If conscious give two glasses of milk, egg whites or water.

Section 10. Physical and Chemical Properties

Boiling Point	NA, decomposes
Vapor Pressure mmHg@20C	17.5
Vapor Density (Air=1)	ND
Solubility in Water	Soluble
Appearance and Odor	Clear to amber.
Flash Point	160C
Specific Gravity (H2O=1)	1.16
pH	ND

Section 5. Fire Fighting Measures

Extinguisher Type: Dry powder, carbon dioxide or water spray.
Explosion Hazards: May generate bromine gas, hydrogen bromide, cyanogens bromide and/or nitrogen oxides.
Fighting Procedure: Full protective clothing and SCBA.

Section 11. Stability and Reactivity

Stability	Stable
Materials to Avoid	Oxidizers, reducers, bases.
Conditions to Avoid	Temperatures > 105
Hazardous Polymerization	Will Not Occur
Hazardous Decomposition	Bromine gas, hydrogen bromide, cyanogen bromide and nitrogen oxides.

Section 6. Handling and Storage

Protect containers from physical damage and out of direct sunlight. Wash skin with soap and water thoroughly after handling. Do not get in eyes, on skin or clothing. Launder contaminated clothing before reuse. Store in cool dry area away from heat sources, oxidizers, reducers and bases.

Section 12. Additional Information

NE	Not Established	NA	Not Applicable
ND	Not Determined		

Date Prepared: April 2005

Approved by: BLC