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Fritz ProAquatics
A.C.C.R

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SECTION 1: Product Information

Date Revised	10/04/11
Brand Name	Fritz ProAquatics
Product Name	ACCR
Chemical Name	Sodium Formaldehyde Bisulfite
Molecular Formula	CH ₃ NaO ₄ S
Molecular Weight	134.08
Material Uses	N/A
NFPA (704) Rating	Health: 1 Flammability: 1 Reactivity: 3 Special: 0

SECTION 2: Composition & Information on Ingredients

CAS Number	870-72-4
% by Weight	95%

SECTION 3: Hazards Identification

Emergency Overview	Hygroscopic (absorbs moisture from the air).
Eye	May cause eye irritation.
Skin	May cause skin irritation.
Inhalation	May cause respiratory tract irritation.
Ingestion	May cause irritation of the digestive tract.

SECTION 4: First Aid Measures

Eye Contact	Flush thoroughly with running water for at least 15 minutes. Get medical attention.
Skin Contact	Rinse with flowing water for at least 15 minutes while removing contaminated clothing and shoes.
Inhalation	Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion	Get medical aid. Wash mouth out with water.

SECTION 5: Fire & Explosion Data

General Information	Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Fire Fighting Media & Instructions	In case of fire, use water, foam, dry chemical or alcohol-resistant foam.

SECTION 6: Accidental Release Measures

Leak/Spill	Sweep up and remove to an appropriated disposal container. Wash area with soap and water.
Disposal	Dispose of in accordance with local, state, and federal regulations.

SECTION 7: Handling and Storage

Handling	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation.
Storage	Keep containers closed. Store in a cool, dry place.

SECTION 8: Exposure Controls/Personal Protection

Engineering Controls	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.
Personal Protection	Skin: Wear appropriate protective gloves and clothing to prevent skin exposure. Eye: Wear safety glasses and chemical safety goggles. Respiratory: Wear NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions. Clothing: Gloves, coveralls, apron, boots as necessary to prevent skin contact as needed.

SECTION 9: Physical & Chemical Properties

Physical State & Appearance	Solid white powder; No odor
Freezing/Melting Point	200°C
Auto Ignition Temperature	500°C
Flash Point	184°C
Solubility (H₂O)	800g/L @ 20°C (H ₂ O = 1)

SECTION 10: Stability & Reactivity Data

Stability	Stable under normal temperatures and pressures.
Incompatibility with Various Substances	Strong oxidizing agents, acids.
Conditions to Avoid	Incompatible materials, exposure to moist air or water.

Hazardous Decomposition Carbon monoxide, oxides of sulfur, carbon dioxide.
Hazardous Polymerization Has no been reported.

SECTION 11: Disposal Considerations

Disposal Dispose of in a manner consistent with federal, state and local regulations.

SECTION 12: Transport Information

DOT Classification This material is not regulated hazardous material.

SECTION 13: Other Regulatory Information & Classifications

Federal and State Regulations TSCA 8(b) inventory: Sodium Formaldehyde Bisulfite
TSCA 4(a) proposed test rules: Sodium Formaldehyde Bisulfite

Other Regulations EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

WHMIS (Canada) Not controlled under WHMIS (Canada).

HMIS (USA) This product is not classified according to the EU regulations. Not applicable.

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