

# ProCondition Concentrate

## Sodium Formaldehyde Bisulfite Material Safety Data Sheet

### Product Information

Brand Name AquaLife  
Product Name ProCondition Concentrate  
Chemical Family Formaldehyde Sodium Bisulfite  
Chemical Name Sodium Formaldehyde Bisulfite  
Molecular Formula  $\text{CH}_3\text{NaO}_4\text{S}$   
Molecular Weight 134.08

**Material Uses:** N/A

**NFPA (704) Rating** Health: 1 Flammability: 0  
Reactivity: 3 Special: 0

### Composition & Information on Ingredients

**CAS Number** 870-72-4

% by Weight 95

### Hazards Identification

Emergency Overview Hygroscopic (absorbs moisture from the air).

Eye Contact May cause eye irritation.

Skin May cause eye irritation.

Inhalation May cause respiratory tract irritation.

Ingestion May cause irritation of the digestive tract.

### First Aid Measures

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/shoes.

Inhalation Remove to fresh air. Get medical attention for breathing difficulty.

Ingestion Get medical aid. Wash mouth out with water.

### Fire & Explosion Data

General 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.

### 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. Presents no health hazards.

### 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.

### 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.

### 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 (H<sub>2</sub>O) 800g/L @ 20°C (H<sub>2</sub>O = 1)

### Stability & Reactivity Data

Stability Stable under normal temperatures and pressures.

Incompatibilities 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 not been reported.

### Disposal Considerations

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

### Transport Information

DOT This material is not regulated hazardous material.

### 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.

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

Revision Date: 10/04/11

The logo for AquaLife, featuring the word "aquaLife" in a blue, sans-serif font with a registered trademark symbol. A blue wave-like graphic is positioned below the text.

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