

# MATERIAL SAFETY DATA SHEET

4101

PRODUCT #32-001100 or as included with #32-000230

## 1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: WATER PRESERVATIVE

Product Use: Water Preservative

Manufacturer/Supplier: Fendall, Inc.

Address: 825 East Highway 151  
Platteville, WI 53818 USA

Emergency Telephone: (401) 232-1200

Information Telephone: 800-543-4842

## 2.0 INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-PEL	ACGIH-TLV	LD <sub>50</sub>	LC <sub>50</sub>
Ethylenediaminetetra acetic acid	6381-92-6	1-5	10 mg/m <sup>3</sup> -TWA	Not available	>2000 mg/kg oral, rat	Not available
Benzalkonium chloride	8001-54-5	1-5	Not available	Not available	745 mg/kg oral, rat	Not available

## 3.0 HEALTH HAZARDS IDENTIFICATION

Route of Entry: Eye, Skin Contact, Ingestion

### EFFECTS OF ACUTE EXPOSURE:

Eye: Contact may cause irritation.

Skin: May cause irritation.

Ingestion: May cause stomach distress and other medical problems.

### EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Irritancy: May cause irritation.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: No ingredients listed by IARC, ACGIH, NTP or OSHA greater than 0.1%.

Teratogenicity, Reproductive Effects: No data available.

Mutagenicity: No data available.

Synergistic Materials: None.

## 4.0 FIRST AID MEASURES

Eye: Flush eyes with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. If irritation persists, obtain medical attention.

Skin: Flush with cool water. Wash thoroughly with soap and water. Obtain medical attention if irritation persists.

Inhalation: Not a normal route of exposure. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Obtain medical attention or call poison control center immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

## 5.0 FIRE FIGHTING MEASURES

Flammability: Not flammable.

Flash Point (deg F/C, TCC): None.

LEL: Not applicable.

UEL: Not applicable.

Hazardous Combustion Products: May include but are not limited to oxides of carbon, oxides of nitrogen, ammonia, hydrogen chloride.

Means of Extinction: Treat for surrounding material.

Special Fire Hazards: Fire fighters should wear self-contained breathing apparatus.

## 6.0 ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedure: Before attempting cleanup, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. For large quantities, review federal, state/provincial and local government requirements prior to disposal.

## WATER PRESERVATIVE

### 7.0 HANDLING AND STORAGE

**Storage and Handling Requirements:** Keep out of reach of children. Store in closed container away from incompatible materials.

### 8.0 EXPOSURE CONTROL/PERSONAL PROTECTION

**Gloves:** Impervious. Confirm with a reputable supplier.

**Eye Protection:** Safety goggles.

**Respiratory Protection:** General ventilation normally adequate.

**Other Protective Equipment:** As required by employer code.

**Engineering Controls:** Ensure good ventilation.

### 9.0 PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point (deg F/C):** 208° (97.7°C)

**Oven Solids (Wt %):** Not available.

**Solubility in Water:** Complete.

**Physical State:** Liquid.

**Appearance and Odor:** Transparent; no distinct odor.

**Specific Gravity (H<sub>2</sub>O = 1):** Not available.

**Evaporation Rate (H<sub>2</sub>O = 1):** Not available.

**pH (100%):** Not available.

**Viscosity:** Water thin.

**Odor Threshold (ppm):** Not available.

### 10.0 STABILITY AND REACTIVITY

**Conditions for Chemical Instability:** Stable.

**Incompatible Materials:** Strong oxidizing agents, strong reducing agents.

**Conditions for Reactivity:** Not available.

**Hazardous Decomposition Products:** May include but are not limited to oxides of carbon, oxides of nitrogen, ammonia, and hydrogen chloride when heated to decomposition.

### 11.0 DISPOSAL CONSIDERATIONS

Review federal, state/provincial and local government regulations prior to disposal.

### 12.0 TRANSPORTATION

**T.D.G. Classification:** Not regulated.

**D.O.T. Classification:** Not regulated.

### 13.0 REGULATORY INFORMATION

**Occupational Health and Safety Regulations:**

**WHMIS Class:** Class D; Division 2B

**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian

WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

**SARA Title III; Section 313:** No hazardous ingredients listed.

### 14.0 PREPARATION INFORMATION

**Date:** June 1, 2002

**MSDS Prepared by:** Dell Tech Laboratories Ltd.

**Telephone:** (519) 858-5021

#### Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).

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