## **MATERIAL SAFETY DATA SHEET**

### SECTION I - PRODUCT IDENTIFICATION

Product Name: General Storage Disinfectant

Product Use: Disinfectant

WHMIS Class: Exempt - Registered product - (PCP 14957)

**TDG Classification:** Disinfectants, liquid, corrosive n.o.s. (Alkyl benzyl

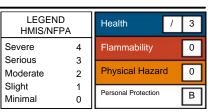
dimethyl ammonium chloride); Class 8; UN1903; PGIII

Manufacturer/Supplier: Ag-Services Inc.

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Mitchell, ON N0K 1N0 CA Phone (519) 229-6669

Emergency Phone: 1-613-996-6666 (CANUTEC)





## SECTION II - HAZARDOUS INGREDIENTS

Ingredient(s)CAS #Wt%ACGIH-TLVLC50Oral LD50Quaternary ammonium compounds,<br/>benzyl-C12-16-alkyldimethyl, chlorides68424-85-17 - 13Not establishedNot available426 mg/kg rat

## **SECTION III - PHYSICAL DATA**

Boiling Point:100 °C (212.00 °F)Specific Gravity:0.98 @ 21°CFreezing Point:Not availableCoefficient of Water/OilNot available

Vapour Pressure: Not available Distribution:

**Vapour Density:** Not available % **Volatile:** 90

Solubility in Water: Appreciable Evaporation Rate: Not available

Physical State: Liquid pH: 7.5

Appearance: Blue. Viscosity: Water thin
Odour: Mild Odour Threshold: Not available

### SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS criteria.

Flash Point: None LEL: Not available UEL: Not available

Hazardous Combustion Products: May include and are not limited to: Oxides of carbon. Hydrogen chloride. Oxides

of nitrogen.

Autoignition Temperature: Not available

Explosion Data:

Sensitivity to Mechanical Impact: Not available
Sensitivity to Static Discharge: Not available

Means of Extinction:Dry chemical. Water spray. Alcohol foam. Carbon dioxide.Special Fire Hazards:Firefighters should wear a self-contained breathing apparatus.

# **SECTION V - REACTIVITY DATA**

Conditions for Chemical Instability: Stable under recommended storage conditions. Incompatible Materials: Oxidizers. Acids. Caustics. Reducing agents.

**Reactivity, and Under What**Do not mix with other chemicals.

Conditions:

**Hazardous Decomposition Products:** May include and are not limited to: Oxides of carbon. Hydrogen chloride. Oxides of nitrogen.

**SECTION VI - TOXICOLOGICAL PROPERTIES** 

Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

**EFFECTS OF ACUTE EXPOSURE:** 

Eye: Causes chemical burns. May cause blindness.

**Skin:** Causes chemical burns.

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**Inhalation:** Harmful if inhaled. May cause respiratory tract irritation.

**Ingestion:** Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.

#### **EFFECTS OF CHRONIC EXPOSURE:**

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

Irritancy: Causes chemical burns.

Respiratory Tract Sensitization: Non-hazardous by WHMIS criteria.

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity: Non-hazardous by WHMIS criteria.

Mutagenicity: Non-hazardous by WHMIS criteria.

Reproductive Effects: Non-hazardous by WHMIS criteria.

Name of Toxicologically Synergistic Products:

Not available

### **SECTION VII - PREVENTATIVE MEASURES**

Gloves: Rubber gloves. Confirm with a reputable supplier first.

Eye Protection: Wear chemical goggles.

**Respiratory Protection:** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Other Protective Equipment: As required by employer code.

**Engineering Controls:** General ventilation normally adequate.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Small spills may be

absorbed with non-reactive absorbent and placed in suitable, covered, labelled

containers. Prevent large spills from entering sewers or waterways. Contact emergency

services and supplier for advice.

Waste Disposal: Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the

tank. Follow provincial instruction for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for

clean-up of spills.

Handling Requirements: Use good industrial hygiene practices in handling this material. Do not get this material in

your eyes, on your skin, or on your clothing.

Storage Requirements: Keep out of the reach of children. Store in a closed container away from incompatible

materials.

# **SECTION VIII - FIRST AID**

Eye: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact

lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control

center or doctor for treatment advice.

**Skin:** If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of

water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**Inhalation:** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Ingestion:** If swallowed, call a poison control centre or doctor immediately for treatment advice. Have

person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

### SECTION IX - PREPARATION INFORMATION

Effective Date: 15-Apr-2011 Expiry Date: 15-Apr-2014

Prepared By: Dell Tech Laboratories Ltd. (519) 858-5021

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

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