

**MATERIAL SAFETY DATA SHEET**

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910,1200 and OSHA Form 174

**IDENTITY AND MANUFACTURER'S INFORMATION**

Manufacturer's Name: <b>METERPAK INC.</b> Address: 1270 Fewster Drive, Unit 1 Mississauga Ontario, Canada L4W 1A4	Date Prepared: September 2006
Identity (trade name as used on label): <b>METERPAK®</b> <b>#120-4 / #120-15 / #120-42 DETERGENT &amp; DISINFECTANT</b>	For information: (905) 624-0366 Emergency 24-Hour Response : Chem Tel: 1-800- 255-3924

**SECTION 1 - PRODUCT IDENTIFICATION**

Product Use: Disinfectant / Sanitizer CAS No. and Name: Not applicable	Chemical Identity: Mixture Formula and M. Wt: Not applicable
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**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL IDENTITY	CAS #	PERCENTAGE	TOXICITY
Dimethylbenzyl ammonium chloride	68391-01-5	7.95%	Not available
Dimethyl Ethylbenzyl ammonium chloride	68956-79-6	7.95%	Not available
Inert Ingredients	-	84.10%	LD <sub>50</sub> (Rat)= 2800 mg/kg

**SECTION 3 - PHYSICAL/ CHEMICAL CHARACTERISTICS**

Physical Identity: Powder	
Appearance & Odor: Yellow powder, lemon fragrance, packaged in water-soluble pouch.	
Odor Threshold: Not available	Boiling Point: Not applicable
Specific Gravity: 0.65	Melting Point: 130°C
Vapor Pressure: Not applicable	pH: 1% Solution: 9.0
Vapor Density: Not applicable	Density (g/ml): 0.65
Evaporation Rate: Not applicable	Water Solubility: Complete

**SECTION 4 - FIRE OR EXPLOSION HAZARDS**

Conditions of Flammability: Not applicable
Means of Extinction: Carbon dioxide, dry chemical foam, water fog
Flash Point & Method of Determination: Not flammable
Upper Flammable Limit: Not applicable
Lower Flammable Limit: Not applicable
Hazardous Combustion Products: Not applicable
Special Fire Fighting Procedures: Use self-contained breathing apparatus for maximum protection.
Unusual Fire and Explosion Hazards: May form flammable dust-air mixture.

**SECTION 5 - REACTIVITY DATA**

Chemical Stability: Stable
Incompatible Substances: Strong oxidizing agents
Conditions of Reactivity: No data
Hazardous Decomposition Products: Ammoniacal vapors, oxides of nitrogen.
Hazardous Polymerization: Will not occur.

**SECTION 6 - TOXICOLOGICAL PROPERTIES:**

Effects of Acute Exposure: Product is sold in water-soluble pouches. Direct contact with powder is unlikely to occur under normal use. However under upset or unusual conditions: Eye Contact: Can cause severe eye irritation. Skin Contact: May cause redness, irritation. Inhalation: Nose and throat irritation, coughing, chest tightening. Ingestion: Gastro-intestinal irritation, nausea, vomiting and diarrhea.
Effects of Chronic Exposure: See "Acute Exposure"
Medical Conditions Generally Aggravated by Exposure: None known.
Carcinogenicity: Not listed as a carcinogen by NTP, IARC and OSHA.

**SECTION 7 - PREVENTIVE MEASURES**

Personal Protective Equipment: Not normally required. However, wear rubber gloves, chemical goggles and NIOSH-approved respirator if dusting is likely to occur.
Engineering Controls: Normal ventilation is adequate.
Handling Procedure & Equipment: Do not handle pouches with wet hands. Wash hands thoroughly after handling any chemicals.
Storage Requirements: Store in a cool dry area. Keep container closed when not in use to protect from moisture and dust.
Special Shipping Information: None
Procedures for Handling Leaks or Spills: Sprinkle with sweeping compound to reduce dusting, sweep up and place in an approved container for disposal.
Waste Disposal: Incineration is preferred in accordance with all applicable federal, provincial and local regulations.

**SECTION 8 - FIRST AID MEASURES:**

Product is sold in water-soluble pouches. Direct contact with powder is unlikely under normal use. Should direct contact with powder occur, follow these procedures. Eyes: Immediately flush with running water for 20 minutes, holding eyelids apart. Seek medical attention. Skin: Wash with plenty of water. Inhalation: Remove to fresh air, seek medical attention if symptom persists. Ingestion: Seek medical attention immediately.
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## **Material Safety Data Sheet**

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