

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: METERPAK INC. Address: 1270 Fewster Drive, Unit 1, Mississauga Ontario, Canada L4W 1A4	Date Prepared: March 2006
Identity (trade name as used on label): METERPAK® # 134 & #234 MACHINE DISHWASHING COMPOUND	For information: (905) 624-0366 Emergency 24-Hour Response: Chem Tel: 1-800- 255-3924

SECTION 1 - PRODUCT IDENTIFICATION

Product Use: Machine dishwashing compound	Chemical Identity: Mixture
CAS No. and Name: Not applicable	Formula and M. Wt: Not applicable

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	CAS#	TOXICITY
Sodium Dichloroisocyanurate Dihydrate	51580-86-0	Not available
Sodium Metasilicate	6834-92-0	Not available

SECTION 3 - PHYSICAL/ CHEMICAL CHARACTERISTICS

Physical State: Solid	Boiling Point: Not applicable
Appearance & Odour: White powder, low odour, packaged in water soluble pouch.	Melting Point: Not applicable
Odour Threshold: Not available	pH: 1% Solution: 10.7
Specific Gravity: Not applicable	Density (g/ml): 0.98
Vapour Pressure: Not applicable	Water Solubility: Complete
Vapour Density: Not applicable	
Evaporation Rate: Not applicable	

SECTION 4 - FIRE OR EXPLOSION HAZARDS

Conditions of Flammability: Not applicable
Means of Extinction: Use suitable for surrounding fire. Do not use dry chemical extinguisher containing ammonium compounds.
Flash Point & Method of Determination: Not applicable
Upper Flammable Limit: Not applicable
Lower Flammable Limit: Not applicable
Hazardous Combustion Products : May start to decompose at 240°C
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable
Incompatible Substances: Oxidizers, nitrogen, containing compounds, concentrated acids.
Conditions of Reactivity: Decomposition start at 240 - 250°C
Hazardous Decomposition Products: Nitrogen trichloride, chlorine, carbon monoxide, carbon dioxide, hydrogen.
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 irritation, redness.
Skin Contact: Can cause severe irritation and/or burns.
Inhalation: Irritation and/or burns can occur to the gastro-intestinal burns.
Ingestion: May cause irritation to the nose, mouth and throat.
Effects of Chronic Exposure: Similar to "Acute Exposure"
Exposure Limits: Not established
Sensitization to Material: No data
Carcinogenicity: Components are not known to be carcinogen by any reference source.

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment: Not normally required. However, wear rubber gloves, chemical goggles and NIOSH-approved respirator if direct contact with powder is likely to occur.
Engineering Controls: Standard room ventilation adequate under normal conditions.
Handling Procedure & Equipment: Standard practices for chemicals. Do not handle pouches with wet hands.
Storage Requirements: Store in a cool, dry area in the original container. Container should be kept sealed to avoid contamination with dirt or moisture.
Special Shipping Information: None
Procedures for Handling Leaks or Spills: Sweep up spilled material, do not return to original container. Place in a clean plastic bag or drum. Residue may be flushed to drain with large amounts of water.
Waste Disposal: Comply with all local, state and federal 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 eyes with water lifting eyelids occasionally. Seek medical attention.
Skin: Wash with lots of water. If irritation develops and persists, seek medical attention.
Inhalation: Move victim to fresh air. If discomfort occurs and persists, obtain medical attention.
Ingestion: Drink lots of water to dilute. Seek medical attention.

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Material Safety Data Sheet

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