

**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 Mississauga, Ontario L4W 1A4	Date Prepared: June 2006
Identity (trade name as used on label): <b>METERPAK®</b> #131 / #231 / #331 LAUNDRY DETERGENT WITH SAFE BLEACH & ENZYMES	For information: (905) 624-0366 Emergency 24-Hour Response No: 1-800-255-3924

**SECTION 1 - PRODUCT IDENTIFICATION**

Product Use: Laundry Detergent with Safe Bleach and Enzymes CAS No. & Name: Not applicable	Chemical Identity: Mixture Formula and M. Wt.: Not applicable
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**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL IDENTITY	CAS#	ACGIH TLV	TOXICITY
Sodium Metasilicate	6834-92-0	10 mg/m3 per 40 hr week	LD <sub>50</sub> Oral Rat = 1280 mg/kg
Sodium Carbonate Peroxyhydrate	15630-89-4		LD <sub>50</sub> Oral Rat = 2000 mg/kg

**SECTION 3 - PHYSICAL/ CHEMICAL CHARACTERISTICS**

Physical Identity: Powder Appearance & Odor: White powder, lemon scent packaged in a water-soluble pouch Odor Threshold: Not determined Specific Gravity: Not available Vapor Pressure: Not applicable Vapor Pressure: Not applicable	Boiling Point: Not applicable Melting Point: Not applicable pH: 1% Solution: 11.0 Density (g/ml): 0.79 Water Solubility: Complete Evaporation Rate: Not applicable
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**SECTION 4 - FIRE OR EXPLOSION HAZARDS**

Conditions of Flammability: Oxygen evolution as a result of decomposition may burst containers and accelerate the burning rate of other combustible materials. Means of Extinction: Water, alcohol foam, dry chemical Hazardous Combustion Products: Oxides of carbon, sulphur dioxide, oxides of nitrogen, decomposition releases oxygen. Special Fire Fighting Procedures: None	Flash Point & Method of Determination: Not applicable Upper Flammable Limit: Not applicable Lower Flammable Limit: Not applicable Auto-Ignition Temperature: Not available Unusual Fire and Explosion Hazards: Oxygen evolution as a result of decomposition may burst containers and accelerate the burning rate of other combustible materials.
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**SECTION 5 - REACTIVITY DATA**

Chemical Stability: Stable Incompatible Substances: Strong acids, strong oxidizing agents Conditions of Reactivity: Prolonged contact with aluminum, copper, tin, lead or zinc may liberate flammable hydrogen gas. Hazardous Decomposition Products: Oxides of carbon, sulphur dioxide, oxides of nitrogen, decomposition releases oxygen. Hazardous Polymerization: Will not occur.
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**SECTION 6 - TOXICOLOGICAL PROPERTIES**

Effects of Acute Exposure: Product is sold in water-soluble pouches. Direct contact is unlikely to occur under normal use. However under upset or unusual conditions: Eye Contact: Irritant, prolonged contact may cause permanent eye injury. Skin Contact: May cause drying of the skin, irritation. Inhalation: Dust may cause irritation – unlikely to occur due to packaging. Some sensitive individuals may develop allergic reactions to enzymes. Ingestion: May cause nausea, vomiting, diarrhea and abdominal pain. Effects of Chronic Exposure: No data but expected to be similar to "Acute Exposure." Medical Conditions Generally Aggravated by Exposure: None known. Carcinogenicity: Not listed as a carcinogen by IARC, OSHA or NTP.
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**SECTION 7 - PREVENTIVE MEASURES**

Personal Protective Equipment: Protective eye wear if contact likely to occur. Engineering Controls: Normal ventilation adequate. Handling Procedure & Equipment: Do not handle pouches with wet hands. Storage Requirements: Store in a cool, dry area. Do not store near incompatible substances Special Shipping Information: None Procedure for Handling Leaks or Spills: Stop leak at source, sweep up and remove. Waste Disposal: Dispose of waste at an approved waste disposal facility (incineration is suitable) in accordance with applicable local, provincial or federal regulations.
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**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. Skin: Wash with large amounts of water. Eyes: Immediately flush with large amounts of running water, lifting eyelids. Seek medical attention. Ingestion: Do not induce vomiting. Give large amounts of water to dilute. Seek medical attention.
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## **Material Safety Data Sheet**

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