

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® #144 DRY POWDERED BLEACH	For information: (905) 624-0366 Emergency 24-Hour Response: Chem Tel: 1-800- 255-3924

SECTION 1 - PRODUCT IDENTIFICATION

Product Use: Laundry Bleach 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 #	TOXICITY
Sodium dichloroisocyanurate dihydrate	51580-86-0	LD ₅₀ Oral rat = 735 mg/kg
Sodium Carbonate	497-19-8	LD ₅₀ Oral rat = 2800 mg/kg

SECTION 3 - PHYSICAL/ CHEMICAL CHARACTERISTICS

Physical Identity: Powder		
Appearance & Odour: White powder, mild chlorine-like odour, packaged in water soluble pouch		
Odour Threshold: Not applicable	Boiling Point: Not applicable	
Specific Gravity: 2.0	Melting Point: Not applicable	
Vapour Pressure: Not applicable	pH: 1% Solution: 10.5	
Vapour Density: Not applicable	Density (g/ml): Not available	
Evaporation Rate: Not applicable	Water Solubility: Complete	

SECTION 4 - FIRE OR EXPLOSION HAZARDS

Conditions of Flammability: Not applicable	
Means of Extinction: Water spray, carbon dioxide, dry chemical, universal foam type.	
Flash Point & Method of Determination: Not applicable	
Upper Flammable Limit: Not applicable	
Lower Flammable Limit: Not applicable	
Special Fire Fighting Procedures: None	
Unusual Fire and Explosion Hazards: None	

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable	
Incompatible Substances: Oxidizers, nitrogen containing compound, dry fire extinguishers containing mono-ammonium phosphate, strong acids.	
Conditions of Reactivity: Begins to lose 1 mole of water at approximately 50°C	
Hazardous Decomposition Products: Nitrogen trichloride, chlorine, carbon monoxide, carbon dioxide.	
Hazardous Polymerization: Will not occur.	

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: Severe irritation or even burns can occur. Skin Contact: Exposure can cause irritation, redness, swelling. Inhalation: Irritating to the nose, mouth, throat and lungs. Ingestion: Irritation of the gastro-intestinal tract characterized by nausea, vomiting, diarrhea, abdominal pain.	
Effects of Chronic Exposure: Similar to Acute Exposure	
Medical Conditions Generally Aggravated by Exposure: None known	
Irritancy of Product: Eye and skin irritant.	
Carcinogenicity: Not considered a carcinogen by NTP, IARC and OSHA.	

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment: Rubber gloves, chemical goggles if dusting likely to occur; under upset conditions, wear an approved respirator.	
Engineering Controls: Standard room ventilation is adequate under normal conditions.	
Handling Procedure & Equipment: Standard shop practices when handling chemicals. Wash hands thoroughly after handling any chemicals.	
Storage Requirements: Store in a cool, dry area. Keep container closed when not in use.	
Special Shipping Information: None	
Procedures For Handling Leaks or Spills: Sweep up for disposal. Do not put it back into original container. Do not put in a sealed container as gas evolution may occur. Flush area with lots of water.	
Waste Disposal: As per all local, state and federal regulations.	

SECTION 8 - FIRST AID MEASURES:

Eyes: Flush eyes with water for 15 minutes, holding eyelids apart. Seek medical attention.	
Skin: Flush with lots of water. If irritation develops, call a doctor.	
Inhalation: Move victim to fresh air. If symptoms persist seek medical attention.	
Ingestion: Do not induce vomiting. Drink lots of water to dilute. Seek medical attention.	

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Material Safety Data Sheet

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