

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® #135 & #149 COLOR SAFE BLEACH	For information: (905) 624-0366 Emergency 24-Hour Response: Chem Tel: 1-800- 255-3924

SECTION 1 - PRODUCT IDENTIFICATION

Product Use: Safe non chlorine bleach	Chemical Identity: Mixture
CAS No. and Name: Not applicable	Formula and M. Wt: Not applicable

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	CAS#	TOXICITY
Sodium Carbonate	497-19-8	LD ₅₀ Oral rat = 2800 mg/kg

SECTION 3 - PHYSICAL/ CHEMICAL CHARACTERISTICS

Physical State: Solid		
Appearance & Odour: White granular powder. no odour packaged in water soluble pouch.		
Odour Threshold: No odour	Boiling Point: Not applicable	
Specific Gravity: Not available	Melting Point: Not applicable	
Vapour Pressure: Not applicable	pH: 1% Solution: 10.5	
Vapour Density: Not applicable	Density (g/ml): Approx. 1.0 mg/cc	
Evaporation Rate: Not applicable	Water Solubility: Complete	

SECTION 4 - FIRE OR EXPLOSION HAZARDS

Conditions of Flammability: Non flammable, high heat causes decomposition.
Means of Extinction: Use extinguishing media suitable for surrounding fire.
Flash Point & Method of Determination: Non flammable
Upper Flammable Limit: Not applicable
Lower Flammable Limit: Not applicable
Hazardous Combustion Products : Oxygen released from decomposition may accelerate the burning of other materials. Oxygen released may also burst tightly sealed containers. Damp product in contact with organic materials such as cloth, wood, paper, etc., may cause spontaneous combustion of these materials.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable
Incompatible Substances: Contact with acids, reducing agents or metallic ions may cause catalytic decomposition.
Conditions of Reactivity: High temperature causes decomposition to sodium carbonate oxygen and water.
Hazardous Decomposition Products: Decomposition produces sodium carbonate, oxygen and generates heat.
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: Severe eye irritant. Skin Contact: May cause slight irritation. Inhalation: Irritation to mucous membranes, throat and respiratory system. Ingestion: Moderately toxic, may cause nausea, vomiting, stomach ache and diarrhea.
Effects of Chronic Exposure: No data.
Medical Conditions Generally Aggravated by Exposure: None known.
Exposure Limits: Airborne particles (Nuisance particulate) TLV = 10 mg/m ³ per 40 hour week.
Carcinogenicity: Not listed as a carcinogen by NTP, IARC and OSHA.

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment: Not normally required. However, wear chemical goggles and NIOSH-approved respirator if dusting likely to occur.
Engineering Controls: Standard room ventilation adequate under normal conditions.
Handling Procedure & Equipment: Standard practices for chemicals. Wash after handling.
Storage Requirements: Store in a cool, dry area in the original container. Container should be kept sealed to avoid contamination with dirt or moisture. Do not store close to acids.
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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