

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® #301 & #310 ALL PURPOSE CLEANER	For information: (905) 624-0366 Emergency 24-Hour Response : Chem Tel: 1-800-255-3924

SECTION 1 - PRODUCT IDENTIFICATION

Product Use: All Purpose Cleaner	Chemical Identity: Mixture
CAS No. and Name: Not applicable	Formula and M.Wt: Not applicable

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	CAS#	ACGIH TLV
Sodium Carbonate	497-19-8	10 mg/m ³

SECTION 3 - PHYSICAL/ CHEMICAL CHARACTERISTICS

Physical State: Powder	
Appearance & Odour: Orange powder, lemon fragrance, packaged in a water soluble pouch.	
Odour Threshold: Not available	Boiling Point: Not applicable
Specific Gravity: Not applicable	Melting Point: Not applicable
Vapour Pressure: Not applicable	pH: 1% solution: 10.0
Vapour Density: Not applicable	Density (g/ml): 0.66
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.
Flashpoint & Method of Determination: > 212°F
Upper Flammable Limit: Not applicable
Lower Flammable Limit: Not applicable
Auto-ignition Temperature: Not applicable
Special Fire Fighting Procedures: For surrounding fire.
Unusual Fire and Explosion Hazards: None

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable	Conditions of Reactivity: No data
Incompatible Substances: Concentrated acids, strong oxidizing agents.	
Hazardous Decomposition Products: Hydrogen, carbon monoxide, carbon dioxide, nitrogen compounds.	
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:	
Skin Contact: Prolonged contact with dust may cause irritation.	
Eye Contact: May cause eye irritation.	
Inhalation: Dusts are irritant to the entire respiratory tract.	
Ingestion: Swallowed dusts may cause irritation to the mouth and throat.	
Effects of Chronic Exposure: Expected to be the same as acute.	
Medical Conditions Generally Aggravated by Exposure: May exacerbate an existing dermatitis.	
Irritancy of Product: Mild irritant	
Carcinogenicity: Not considered a carcinogen by NTP, IARC and OSHA.	

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment: Use NIOSH/MSHA-approved respirator if dusting likely to occur. Wear full face shield and rubber gloves to prevent eye and skin contact.
Engineering controls: General industrial ventilation
Handling procedures and equipment: Do not handle pouches with wet hands. Do not get powder on skin or eyes. Keep out of reach of children.
Storage requirements: Do not get pouches wet. Store in a cool, dry place. Keep container tightly closed.
Special shipping information: None
Procedures for handling leaks or spills: Sweep, scoop or vacuum discharged material, flush residue with water. Observe environmental regulations.
Waste disposal: Neutralize with dilute acid - flush neutral liquid to sewer - observe local, provincial 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.
Skin contact: Wash with soap and water. If irritation persists, get medical attention.
Eye contact: Flush immediately with large amounts of water for at least 15 minutes, holding lids apart. If irritation persists, get medical attention.
Ingestion: If ingested and victim is alert and not convulsing, rinse mouth out. Give 1/2 - glass of water to dilute. Do not induce vomiting. Obtain medical attention.
Inhalation: If large amounts of dust have been inhaled, move the exposed employee to fresh air immediately. Obtain medical attention.

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