

### 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, Unit 1 Mississauga Ontario, Canada L4W 1A4	Date Prepared: March 2006
Identity (trade name as used on label): <b>METERPAK® #142 COFFEE CARAFE CLEANER &amp; DESTAINER</b>	For information: (905) 624-0366 Emergency 24-Hour Response : Chem Tel:1-800- 255-3924

#### SECTION 1 - PRODUCT IDENTIFICATION

Product Use: Coffee urn cleaner and stain remover	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 <sub>50</sub> Oral rat = 2800 mg/kg

#### SECTION 3 - PHYSICAL/ CHEMICAL CHARACTERISTICS

Physical Identity: Powder	
Appearance & Odour: White granular powder , no odour , packaged in water soluble pouch	
Odour Threshold: Not applicable	Boiling Point: Not applicable
Specific Gravity: Not applicable	Freezing Point: Not applicable
Vapour Pressure: Not applicable	pH: 1% Solution: 10.7
Vapour Density: Not applicable	Density (g/ml): Not available
Evaporation Rate: Not applicable	Water Solubility: Complete

#### SECTION 4 - FIRE OR EXPLOSION HAZARDS

Condition of Flammability: Not applicable
Means of Extinction: Water spray, carbon dioxide, dry chemical, universal foam type.
Flashpoint and Method of Determination: > 212 °F
Upper Flammable Limit: Not applicable
Lower Flammable Limit: Not applicable
Hazardous Combustion Products : Decomposition produces sodium carbonate, oxygen and generates heat.

#### 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.

#### 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 mucuos membranes, throat and respiratory system.
Ingestion: Moderately toxic, may cause nausea, vomiting, stomach ache, and diarrhea.
Effects of Chronic Exposure: See "Acute Exposure"
Exposure Limits: Not established
Irritancy of Product: Skin and eye irritant
Sensitization to Material: Not available
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.
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 required.
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, provincial and federal regulations.

#### SECTION 8 - FIRST AID MEASURES:

Eyes: Immediately flush eyes with water lifting eyelids. Seek medical attention.
Skin: Wash with lots of water. If irritation develops, 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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