

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: May 2010
Identity (trade name as used on label): METERPAK₉₀ #417 HIGH EFFICIENCY VALUE LAUNDRY DETERGENT	For information: (905) 624-0366 Emergency 24-Hour Response: Chem Tel: 1-800-255-3924

SECTION 1 - PRODUCT IDENTIFICATION

Product Use: Laundry Detergent	Chemical Identity: Mixture
CAS No. and Name: Not applicable	Formula and M. Wt: Not applicable

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	CAS#	TOXICITY
Sodium Dodecyl Benzene Sulphonate	25155-30-0	LD ₅₀ (oral rat) = 1260 mg/kg
Sodium Metasilicate	6834-92-0	LD ₅₀ (oral rat) = 1280 mg/kg

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Physical Identity: Powder	Appearance & Odor: White powder, lemon scent
Odour Threshold: Not determined	Boiling Point: Not applicable
Specific Gravity: Not available	Melting Point: Not applicable
Vapour Pressure: Not applicable	pH: 1% Solution: 9.0
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: This material may burn, but is not highly flammable.
Means of Extinction: Water, alcohol foam, dry chemical
Flash Point & Method of Determination: 196°F
Upper Flammable Limit: Not available.
Lower Flammable Limit: Not available.
Hazardous Combustion Products: Oxides of carbon, sulphur dioxide, oxides of nitrogen.
Special Fire Fighting Procedures: None.
Unusual Fire and Explosion Hazards: None.

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.

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: Irritant, prolonged contact may cause permanent eye injury.
Skin Contact: May cause drying of skin, irritation
Inhalation: Product is not dusty - inhalation not likely to occur.
Ingestion: May cause nausea, vomiting, diarrhea and abdominal pain.
Effects of Chronic Exposure: No data.
Medical Conditions Generally Aggravated by Exposure: None known.
Carcinogenicity: Not listed as a carcinogen by NTP, IARC and OSHA.

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment: Not normally required. However, under upset or unusual conditions, wear protective eye wear if contact likely.
Engineering Controls: Normal ventilation adequate.
Handling Procedures and 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 required.
Procedures 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.

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 with large amounts of running water, lifting eyelids. Seek medical attention.
Skin: Wash with large amounts of water.
Ingestion: Do not induce vomiting. Give large amounts of water to dilute. Seek medical attention.

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