

MATERIAL SAFETY DATA SHEET

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Valid: Nov. 2011 - Nov. 2013

PRODUCT NAME: X-400 LAUNDRY DETERGENT **CODE: L505**
OTHER NAME: LDD200
DISTRIBUTED BY:

WHMIS CLASSIFICATION: D2B
TDG CLASSIFICATION: Not Regulated

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD₅₀ & LC₅₀)
Sodium Carbonate	15-40	497-198-8	LD ₅₀ Oral (rat) 4090 mg/kg LC ₅₀ (rat) 375 ppm/4 hr.
Sodium Metasilicate	3-7	6834-92-0	LD ₅₀ Oral (rat) 847 mg/kg

PHYSICAL DATA FOR PRODUCT

Physical State: Solid
Boiling Point: N/A
Vapour Density: N/A
Freezing Point: N/A
Solubility in Water: 10 %
Appearance & Odour: Light blue granular powder with citrus odour.

Sp. Gravity: Not Avail.
Vapour Pressure: N/A
Evaporation Rate: N/A

pH: 1% sol. 10.4

FIRE AND EXPLOSION DATA FOR PRODUCT

Flash Point (Test Method): N/A
Flammable Limits in Air, % by vol. Non-flammable Lower: N/A Upper: N/A
Fire Extinguishing Substances: (X) Water Fog () Foam () CO₂ () Dry Chem () Other:

Hazardous Combustion Products: May liberate carbon monoxide, carbon dioxide and oxides of sodium.

Special Firefighting Procedures: As for surrounding fire.

REACTIVITY DATA FOR PRODUCT

Incompatibility: () Water (X) Oxidizing Material (X) Acid () Base () Other:

Hazardous Decomposition Products: See Hazardous Combustion Products.

Chemical Stability: Stable under normal conditions.

*N/A - Not applicable.

Product Name: **X-400 LAUNDRY DETERGENT (LDD200)**

HEALTH HAZARD INFORMATION FOR PRODUCT

EMERGENCY and FIRST AID PROCEDURES

Inhalation: Remove from exposure. Get fresh air.

Ingestion: Do not induce vomiting. Drink milk, egg whites, gelatin solution or large quantities of water. Get medical attention.

Eyes: Flush with plenty of water for at least 15 minutes.

Skin: Flush with plenty of water.

EFFECTS OF OVEREXPOSURE (Acute and Chronic)

Inhalation: Large amounts of dust may cause irritation of the respiratory tract.

Ingestion: May cause nausea, abdominal pain and diarrhea.

Eyes: Causes temporary discomfort and redness.

Skin: Prolonged contact may cause discomfort and defatting of tissue.

PREVENTIVE MEASURES

Steps to be taken upon release or spillage (including neutralizing):

Sweep, scoop or vacuum discharged material. Flush residue with water. Observe environmental regulations.

Waste disposal method:

Dispose according to local, provincial and federal regulations. Flush residue with water. Observe environmental regulations.

Handling and Storage Requirements:

Store in cool, dry area.

Ventilation Requirements (Local or General):

Use with adequate ventilation.

Respiratory Protection:

Not normally necessary. Dust mask may be worn where dust occurs.

Eye Protection:

Not normally necessary. Safety glasses may be worn.

Other Protection:

Not normally necessary. Rubber gloves and coveralls may be worn to minimize contact with skin