

**MATERIAL SAFETY DATA SHEET**

Haddon Equipment and Supplies  
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Valid: Nov. 2011 - Nov. 2013

**PRODUCT NAME:** ONE SHOT LAUNDRY DETERGENT  
**OTHER NAME:** LDO240  
**DISTRIBUTED BY:**

**CODE: L503**

**WHMIS CLASSIFICATION:** D2B  
**TDG CLASSIFICATION:** Not Regulated

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| <b>HAZARDOUS INGREDIENTS</b> | <b>%WT/WT</b> | <b>CAS NO.</b> | <b>TOXICITY DATA<br/>(LD<sub>50</sub> &amp; LC<sub>50</sub>)</b>          |
|------------------------------|---------------|----------------|---|
| Sodium Carbonate             | 30-60         | 497-19-8       | LD <sub>50</sub> Oral (rat) 2800 mg/kg<br>ACGIH TLV - 10 mg/ <sup>3</sup> |
| Sodium Metasilicate          | 15-40         | 6834-92-0      | LD <sub>50</sub> Oral (rat) 847 mg/kg                                     |

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**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: White granular powder with no odour.

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

pH: 1% sol. 11.9

**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 ( ) CO<sub>2</sub> ( ) Dry Chem ( ) Other:  
Hazardous Combustion Products: Not Avail.

Special Firefighting Procedures: N/A

**REACTIVITY DATA FOR PRODUCT**

Incompatibility: ( ) Water ( ) Oxidizing Material (X) Acid ( ) Base  
(X) Other: Flammable hydrogen may be produced on prolonged contact with metals such as aluminum, tin, lead and zinc.  
Hazardous Decomposition Products: May liberate carbon monoxide, carbon dioxide and oxides of sodium.  
Chemical Stability: Stable under normal conditions.

\*N/A - Not applicable.

Product Name: **ONE SHOT LAUNDRY DETERGENT (LDO240)**

**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 immediate medical attention.

Eyes: Flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

Skin: Flush with plenty of water.

**EFFECTS OF OVEREXPOSURE (Acute and Chronic)**

Inhalation: Irritation of the respiratory tract, inflammation of the lungs.

Ingestion: Burning in mouth and esophagus, nausea, abdominal pain and diarrhea.

Eyes: Severe irritation; may cause conjunctival edema.

Skin: Will cause irritation. May cause burns, dermatitis.

**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: Neutralize with dilute acid and landfill solids according to local, provincial and federal regulations. Flush residue with water. Observe environmental regulations.

Handling and Storage Requirements: Store in cool, dry area away from acids. Prolonged storage may cause product to cake and become wet from atmospheric moisture.

Ventilation Requirements (Local or General):  
Use with adequate ventilation.

Respiratory Protection:  
Use approved dust respirator where dust occurs.

Eye Protection:  
Chemical Workers goggles

Other Protection:  
Rubber gloves may be worn and coveralls should be worn to minimize contact with skin.