

MATERIAL SAFETY DATA SHEET

HADDON EQUIPMENT & SUPPLIES
8441 MAIN STREET
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Valid: Nov. 2011 - Nov. 2013

PRODUCT NAME: SUPER DETERGENT **CODE: Y936**
OTHER NAME: LD520 PLUS
DISTRIBUTED BY:

WHMIS CLASSIFICATION: D2B; B3
TDG CLASSIFICATION: Not Regulated

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD₅₀ & LC₅₀)
Methanol	1-5	67-56-1	LD ₅₀ Oral (rat) 5628 mg/kg LC ₅₀ Vapour (rat) 64000 ppm 4 hrs.
Diethylene Glycol Monoethyl Ether	3-7	111-90-0	LD ₅₀ Oral (rat) 5540 mg/kg LD ₅₀ Dermal (rat) 6000 mg/kg
Pine Oil	3-7	8002-09-3	LD ₅₀ Oral (rat) 3.2 g/kg

PHYSICAL DATA FOR PRODUCT

Physical State: Liquid
Boiling Point: 100°C
Vapour Density: Not Avail.
Freezing Point: Not Avail.
Solubility in Water: 100%
Appearance & Odour: Pine scented, green solution.

Sp. Gravity: 1.018 pH: 4.5 - 6
Vapour Pressure: Not Avail.
Evaporation Rate: Not Avail.

FIRE AND EXPLOSION DATA FOR PRODUCT

Flash Point (Test Method): 51°C. T.C.C.
Flammable Limits in Air, % by vol. Non-flammable Lower: N/A Upper: N/A
Fire Extinguishing Substances: (X) Water Fog () Foam (X) CO₂
(X) Dry Chem (X) Other: Use media proper to primary cause of fire.
Hazardous Combustion Products: May produce irritating aldehydes, acids and ketones.

Special Firefighting Procedures:

Use self-contained breathing equipment and protective clothing to prevent contact with skin and eyes.

REACTIVITY DATA FOR PRODUCT

Incompatibility: () Water (X) Oxidizing Material () Acid () Base () Other:
Hazardous Decomposition Products: Combustion will produce carbon dioxide and possibly carbon monoxide.

Chemical Stability: Stable under normal conditions.

*N/A - Not applicable.

Product Name: **SUPER DETERGENT**

HEALTH HAZARD INFORMATION FOR PRODUCT

EMERGENCY and FIRST AID PROCEDURES

Inhalation: Remove to fresh air. Get medical attention if respiratory irritation occurs.

Ingestion: Drink large quantities of water. Get medical attention. If conscious, immediately induce vomiting.

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

Skin: Flush with plenty of running water.

EFFECTS OF OVEREXPOSURE (Acute and Chronic)

Inhalation: May cause irritation or respiratory tract.

Ingestion: May cause gastrointestinal irritation, nausea. Glycol ether has a toxic effect on the red blood cells.

Eyes: Causes irritation.

Skin: May cause irritation. Glycol ether may be absorbed through skin.

PREVENTIVE MEASURES

Steps to be taken upon release or spillage (including neutralizing):
Flush with water and mop up.

Waste disposal method:
Dispose in accordance with federal, provincial and local regulations.

Handling and Storage Requirements: Store in a cool, dry well ventilated area above freezing temperature away from incompatibles. Keep container closed when not in use.

Ventilation Requirements (Local or General):
Use under well ventilated area.

Respiratory Protection:
A mask may be worn.

Eye Protection:
Safety glasses with side shield.

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