

MATERIAL SAFETY DATA SHEET

HADDON EQUIPMENT & SUPPLIES
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Valid: Nov. 2011 - Nov. 2013

PRODUCT NAME: LIQUID LAUNDRY EMULSIFIER **CODE: L526**
OTHER NAME: DE550
DISTRIBUTED BY:

WHMIS CLASSIFICATION: D2B
TDG CLASSIFICATION: Not Regulated

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD₅₀ & LC₅₀)
Ethylene Glycol Monobutyl-Ether	7-13		111-76-2 LD ₅₀ Oral (rat) 1480 mg/kg LC ₅₀ Inhalation (rat) 500 ppm

PHYSICAL DATA FOR PRODUCT

Physical State: Liquid Sp. Gravity: 1.0093 pH: 7.5
Boiling Point: 100°C Vapour Pressure: Not Avail.
Vapour Density: Not Avail. Evaporation Rate: Not Avail.
Freezing Point: Not Avail.
Solubility in Water: 100%
Appearance & Odour: Citrus scented, orange colored solution.

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 (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: **LIQUID LAUNDRY EMULSIFIER (DE550)**

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.
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 sideshield.

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