



# Material Safety Data Sheet

WHMIS (Pictograms)	WHMIS (Classification)	Personal Protective Equipment
<small>No pictogram (handling and hazard label) required.</small>	Not controlled under WHMIS (Canada).	

## Section 1. Product and Company Identification

<b>Product Name / Trade name</b>	<b>Linseed Oil with driers</b>	<b>Associated Product's Item Code</b>	<b>WIP-13420</b>
<b>Synonym</b>	Flaxseed oil	<b>CAS #</b>	8001-26-1
<b>Chemical Family</b>	Not available.	<b>Validation Date</b>	7/9/2004.
<b>Chemical Formula</b>	Not available.	<b>Print Date</b>	7/9/2004.
<b>Manufacturer</b>	Recochem Inc. 850 Montee de Liesse Montreal, Quebec 514-341-3550	<b>In Case of Emergency</b>	Recochem Inc. Communications and Regulatory Affairs Department (905) 791-1788
<b>Material Uses</b>	Consumer products: Finish for furniture.		

## Section 2. Hazardous Ingredients

Name	CAS #	% by Weight	Exposure Limits	
			Canadian Values (ACGIH)	U.S. Values (OSHA)
Linseed Oil	8001-26-1	95-98	Not available.	No hazardous ingredients.
Cobalt naphthenate	125328-48-5	0.1-1	Not available.	
Zirconium naphthenate	125328-52-1	0.1-1	Not available.	

## Section 3. Hazard Identification

<b>Emergency Overview</b>	Linseed oil soaked rags can be spontaneously combustible. If crumpled in an enclosed space they can start to burn without a source of flame or spark. To avoid fire hazard rinse oil soaked rags in water and hang to dry or store in a water filled container.
<b>Potential Acute Health Effects</b>	<b>See Section #11: "Toxicological Information" for further human health effects.</b>  Ingestion may cause nausea and gastro-intestinal tract disturbance. May cause mild eye irritation.
<b>Note to Physician</b>	Not available.

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### Section 4. First Aid Measures

<b>Eye Contact</b>	Flush with plenty of water for at least 5 minutes, occasionally lifting the upper and lower eyelids. If irritation persists, seek medical attention.
<b>Skin Contact</b>	Rinse with water for a few minutes.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area. If irritation persists, seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Seek medical attention.

### Section 5. Fire Fighting Measures

<b>Products of Combustion</b>	These products are carbon oxides (CO, CO <sub>2</sub> ).
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
<b>Fire Hazards</b>	Linseed oil soaked rags can be spontaneously combustible. If crumpled in an enclosed space they can start to burn without a source of flame or spark. To avoid fire hazard rinse oil soaked rags in water and hang to dry or store in a water filled container.
<b>Explosion Hazards</b>	No additional remark.

### Section 6. Accidental Release Measures

<b>Small Spill and Leak</b>	Absorb with an inert material and place in an appropriate waste disposal container. Linseed oil soaked rags can be spontaneously combustible. If crumpled in an enclosed space they can start to burn without a source of flame or spark. To avoid fire hazard rinse oil soaked rags in water and hang to dry or store in a water filled container.
<b>Large Spill and Leak</b>	Absorb with DRY earth, sand or other non-combustible material. Place in appropriate container and dispose of in accordance with regional regulations.

### Section 7. Handling and Storage

<b>Handling</b>	After handling, always wash hands thoroughly with soap and water.
<b>Storage</b>	<b>See Section #10 for applicable incompatible materials.</b> Keep container dry. Keep container tightly closed. Keep in a cool, well-ventilated place.

### Section 8. Exposure Controls, Personal Protection

<b>Engineering Controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
<b>Personal Protection</b>	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	No special protective clothing is required.
<i>Respiratory</i>	No special protective clothing is required.
<i>Hands</i>	Impervious gloves.

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### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Viscous liquid.	<b>Odour</b>	Vegetable oil odour.
<b>Molecular Weight</b>	Not available.	<b>Taste</b>	Not available.
<b>pH (1% Soln/Water)</b>	Not applicable.	<b>Colour</b>	Clear amber to yellowish-brown.
<b>Boiling/Condensation Point</b>	383°C (721.4°F)	<b>Volatility</b>	Not available.
<b>Melting/Freezing Point</b>	-19°C (-2.2°F)	<b>Evaporation Rate</b>	Not available.
<b>Specific Gravity</b>	0.92 to 0.93 (Water = 1)	<b>Odour Threshold</b>	Not available.
<b>Vapour Pressure</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Vapour Density</b>	Not available.	<b>Solubility</b>	Insoluble in water.
<b>VOC Content</b>	0 (g/l).	<b>Other Properties</b>	Not available.
<b>The Product is:</b>	May be combustible at high temperature.		
<b>Auto-ignition Temperature</b>	343°C (649.4°F)		
<b>Flash Point</b>	CLOSED CUP: 222°C (431.6°F).		
<b>Flammable Limits</b>	Not available.		
<b>Fire Hazards in Presence of Various Substances</b>	Linseed oil soaked rags can be spontaneously combustible. If crumpled in an enclosed space they can start to burn without a source of flame or spark. To avoid fire hazard rinse oil soaked rags in water and hang to dry or store in a water filled container.		

### Section 10. Stability and Reactivity

<b>Stability</b>	The product is stable.
<b>Conditions of Instability</b>	No additional remark.
<b>Incompatibility with Various Substances</b>	Reactive with oxidizing agents, acids.

### Section 11. Toxicological Information

<b>Routes of Entry</b>	Ingestion.
<b>Toxicity to Animals</b>	LD50: Not available. LC50: Not available.
<b>Acute Effects on Humans</b>	
<b>Eyes</b>	May cause slight eye irritation.
<b>Skin</b>	Not considered a skin irritant or skin corrosive.
<b>Inhalation</b>	Unlikely to be inhaled because of physical characteristics.
<b>Ingestion</b>	Can cause gastrointestinal disturbances.

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**Chronic Effects on Humans**

**CARCINOGENIC EFFECTS:** Not available.  
**MUTAGENIC EFFECTS:** Not available.  
**TERATOGENIC EFFECTS:** Not available.  
**DEVELOPMENTAL TOXICITY:** Not available.  
 There is no known effect from chronic exposure to this product.

**Section 12. Ecological Information**
**Ecotoxicity**

For accidental discharges into environment, see Section #6: "Accidental Release Measures" for suggested instructions.

Not available.

**Section 13. Disposal Considerations**
**Waste Information**

Non-hazardous waste Dispose of according to local and regional authority requirements.

**Section 14. Transport Information**
**Canada Transportation of Dangerous Goods (TDG) Information**

**Primary Class** - Not a TDG controlled material.

**Subsidiary Class (if applicable)**

**Proper shipping name** -

**Hazard Identification Number**

**Packing Group**

**Special Provisions**

No placard (handling and hazard label) required.

**International Maritime Dangerous Goods (IMDG) Transportation Information**

**Primary Class** - Not controlled under IMDG.

**Subsidiary Class (if applicable)**

**Proper shipping name** -

**Hazard Identification Number**

**Packing Group** -

**Marine Pollutant** Not pollutant.

**Special Provisions** -

No placard (handling and hazard label) required.

No placard (handling and hazard label) required.

**United States Department of Transportation (DOT) Information**

**Primary Class** - Not a DOT controlled material (United States).

**Subsidiary class (if applicable)**

**Proper shipping name** -

**Hazard Identification Number**

**Packing Group** -

No placard (handling and hazard label) required.

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## Special Provisions

**International Air Transport Association (IATA)** For air shipment classification and associated regulations, please refer to the latest edition of IATA Dangerous Goods Regulations.

### Section 15. Other Regulatory Information and Pictograms

**WHMIS Classification (Canada)** Not controlled under WHMIS (Canada).

No placard (handling and hazard label) required.

**Canada Domestic Substances List (DSL) Status** This product and/ or all of its components are on the DSL.

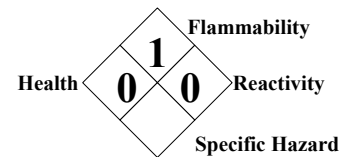
**HCS Classification (U.S.A.)** Not controlled under the HCS (United States).

**U.S.A. Regulatory Lists** This product and/ or all of its components are on the TSCA inventory list.

**Hazardous Material Information System (U.S.A.)**

Health	0
Flammability	1
Reactivity	0
Personal Protection	B

**National Fire Protection Association (U.S.A.)**



### Section 16. Other Information

Validated and verified by Compliance and Technical Information Manager on 7/9/2004.

Printed 7/9/2004.

**Notice to Reader**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

**MSDS are available at [www.recochem.com](http://www.recochem.com)**