

## **MATERIAL SAFETY DATA SHEET**

### **RAW LINSEED OIL**

#### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

##### **1.1. Product Identifier**

Code: Linseed Oil, Raw  
Product Name: Raw Linseed Oil  
IC Color: Yellow Brown Liquid

##### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the Substance/Preparation: finishing of furniture, creating oil paints, creating a protective glaze for furniture

##### **1.3. Details of the Supplier of the Safety Data Sheet**

Company: COLOR RARE LTD (Canada) | COLOR-RARE L.L.C. (USA)  
Tel/Fax:  
Internet: [www.colorare.ca](http://www.colorare.ca) | [www.colorare.us](http://www.colorare.us)  
Emergency No.:

Canada Contact your local Provincial Poison Centre or 911

<http://www.capcc.ca/>

Ontario: 1-800-268-9017

Quebec: 1-800-463-5060

USA American Association of Poison Control Centers 1-800-222-1222

<http://www.aapcc.org/>

#### **SECTION 2: Hazards Identification**

##### **2.1. Classification of the substance or mixture.**

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

##### **2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.**

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[www.colorare.fr](http://www.colorare.fr) / [33@colorare.fr](mailto:33@colorare.fr) / Tel: 05 56 52 04 79

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## Hazard classification and indication:

Skin Corrosion/irritation	Category 2 H315
Serious Eye Damage/Eye Irritation	Category 2A H319

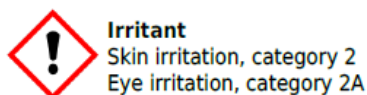
### 2.1.2. Directive 67/548/EEC and following amendments and adjustments.

Danger Symbols: Xi  
R phrases: Not available

### 2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Pictograms:



Eye irritant, Cat 2  
Skin Irritant, Cat 2

Signal words: Warning

Hazard statements:

**H319** Causes serious eye damage/ irritation.  
**H315** Causes skin irritation.

Precautionary statements:

Keep out of reach of children. Read this document and product label before use.  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Wear protective gloves/protective clothing/eye protection/face protection

**P264** Wash thoroughly after handling.  
**P280** Wear protective gloves / eye protection / face protection.  
**P302+P352** IF ON SKIN: wash with plenty of soap and water  
**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**Contains:** Linseed oil 100%

## SECTION 3: Composition/Information on Ingredients

CAS 8001-26-1 Linseed oil 100%

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## SECTION 4: First-Aid Measures

General information: It is not recommended to inhale this product or put into eyes or mouth. If symptoms persist, call a physician.

**EYES:** Immediately rinse eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation persist.

**SKIN:** Rinse affected area with large amounts of soap and water until no evidence of product remains. Get medical attention if irritation persists.

**INGESTION:** Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

**INHALATION:** Immediately remove from exposure area to fresh air. Keep affected person warm and at rest. Treat symptomatically and supportively. Contact physician or local poison control center. If breathing has stopped, give artificial respiration, and get medical attention immediately.

**NOTE TO PHYSICIAN:** The physician's judgment should be used to control symptoms and clinical condition based on the individual reactions of the patient.

**IMPORTANT SYMPTOMS TO WATCH:** Irritation, Headache, Nausea, Shortness of breath.

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## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing media

Use water, dry chemical, chemical foam, carbon dioxide, or alcohol resistant foam.

### 5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors. Oxides of Carbon.

### 5.3. Advice for firefighters.

#### GENERAL INFORMATION

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Avoid inhaling vapors; keep upwind.

## SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137). Avoid inhaling gases, fumes, dust, mist, and aerosols. Avoid contact with skin, eyes and clothing.

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## SECTION 6: Accidental Release Measures

### 6.1. Personal precautions, protective equipment, and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop or reduce any leaks if it is safe to do so. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Ensure clean-up is conducted by trained personnel only. Make sure area is slip-free before re-opening to traffic.

### 6.2. Environmental precautions

Should not be released into the environment. Avoid putting into drains, sewers and waterways.

### 6.3. Methods and material for containment and cleaning up

Wipe up spillage with a clean, cotton rag and collect in suitable container for disposal. Keep in suitable, closed containers for disposal. Dispose in suitable waste container.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

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## SECTION 7: Handling and Storage

### 7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Hygienic measures: Wear personal protective equipment. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Do not eat, drink or smoke while handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area. Store away from excessive heat, freezing and incompatible substances. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed and clearly labeled containers when not in use. Keep away from food and beverages.

### 7.3. Specific end use(s).

Information not available.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

Not application.

### 8.2. Exposure controls

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

#### *Personal protective equipment*

**Eye Protection:** Goggles or safety glasses.

**Hand Protection:** Wear appropriate protective gloves and clothing to prevent skin exposure.

Glove material	Breakthrough time	Glove thickness	Glove comments
Natural rubber	See manufacturers recommendations	-	Splash protection only
Nitrile rubber			
Neoprene			
PVC			

Inspect gloves before use. observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information) gloves are suitable for the task: Chemical compatibility, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. gloves with care avoiding skin contamination.

#### **Respiratory Protection**

Not required under normal use. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly **Recommended Filter type:** Particulates filter conforming to EN 143

When RPE is used a face piece Fit Test should be conducted

#### Environmental

**exposure controls** No information available.

#### *Hygiene Measures*

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Appearance:	Yellow-brown liquid
Colour:	Yellow-brown
Odour:	slight and peculiar odor
Odour threshold:	not available.
pH:	not available.
Melting or freezing point:	-11.2 °F (-23.9 °C)
Boiling point:	600 °F (>315.6 °C)
Distillation range:	Not available.
Flash point:	403 °F (206.1 °C)
Evaporation Rate:	Not available.
Flammability of solids and gases:	Not available.
Lower inflammability limit:	Not available.
Upper inflammability limit:	Not available.
Lower explosive limit:	Not available.
Upper explosive limit:	Not available.
Vapour pressure:	Not available.
Vapour density:	>1.0.
Relative density:	0.925-0.935
Solubility:	insoluble in water
Partition coefficient: n-octanol/water:	Not available.
Ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
Reactive Properties:	Not available.
VOC (Directive 2004/42/EC):	Not available.
VOC (volatile carbon):	Not available.

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

Non reactive under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Normal under normal processing.

### 10.4. Conditions to avoid

Incompatible materials.

### 10.5. Incompatible materials.

Nitric acid, chlorine, strong oxidizing agents.

## 10.6. Hazardous decomposition products.

Oxides of carbon.

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## SECTION 11: Toxicological Information

**Acute Toxicity:** no additional information.

**Chronic Toxicity:** no additional information.

**Corrosion Irritation:** no additional information.

**Sensitization:** no additional information.

**Reproductive Effects:** No information available.

**Development effects:** No information available.

**Teratogenicity**No information available.

**STOT - single exposure** No addition information.

**Aspiration hazard:** No information available

**Symptoms / effects, both acute and delayed** No information available

**Endocrine Disruptor Information** No information available.

**Other Adverse Effects** No information available.

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## SECTION 12: Ecological Information

### 12.1. Toxicity.

No information available.

### 12.2. Persistence and degradability.

The persistence and degradability of this product has not been determined.

### 12.3. Bio accumulative potential.

The bioaccumulation potential of this product has not been determined.

### 12.4. Mobility in soil.

The mobility of this product (in soil and water) has not been determined.

### 12.5. Results of PBT and vPvB assessment.

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Information not available.

## **12.6. Other adverse effects.**

Information not available.

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## **SECTION 13: Disposal Considerations**

### **13.1. Waste treatment methods.**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification. Do not dispose as household garbage.

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## **SECTION 14: Transport Information**

NO RESTRICTIONS. This material is not considered as dangerous according to the current provisions on road transport of dangerous goods.

### **14.1. UN number**

Not applicable

### **14.2. UN proper shipping name**

Not applicable

### **14.3. Transport hazard class(es)**

Not applicable

### **14.4. Packing group**

Not applicable

### **14.5. Environmental hazards**

Not applicable

### **14.6. Special precautions for user**

Not applicable

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Information not relevant

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## **SECTION 15: Regulatory Information**

### **USA**

SARA Section 311/312 (Specific toxic chemical listings): Acute

SARA Section 313 (Specific toxic chemical listings): None of the ingredients are listed.

RCRA (hazardous waste code): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

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CERCLA (Comprehensive Environment Response Compensation and Liability Act): Non of the ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females or males: None of the ingredients are listed.

Chemicals known to cause development toxicity: None of the ingredients are listed.

## **Canada**

Canadian Domestic Substances List (DSL): All of the ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%): None of the ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 1%): None of the ingredients are listed.

## **SECTION 16: Other Information**

The information contained in this document is based on our own knowledge on the date of the current version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The correct and safe use of this product is the responsibility of the user; therefore, users must, comply with the current health and safety laws and regulations. Colorare is not liable for improper use of the product.

### **GENERAL BIBLIOGRAPHY**

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. The Merck Index. - 10th Edition
8. Handling Chemical Safety
9. Niosh - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique (toxicological sheet)
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition