

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 02.03.2017

## RAW LINSEED OIL 410LB DRUM

### SECTION 1: Identification

**Material name:** RAW LINSEED OIL 410LB DRUM

**Product code:** 100089005

**Recommended use of the product and restriction on use:**

Paints, inks, and coatings.



#### Manufacturer or supplier details

**Manufacturer:**

Cargill, Incorporated  
Cargill Industrial Specialties  
13400 15th Avenue North  
Plymouth, MN 55441  
1-800-842-3631, 1-952-984-9122  
CIS\_CustomerService@Cargill.com

**Emergency telephone number:**

**ChemTel Inc**

North America: 1-800-255-3924

International: 01-813-248-0585

### SECTION 2: Hazard(s) identification

**GHS classification:** Not a hazardous substance or mixture

#### Label elements

**Hazard pictograms:** None

**Signal word:** None

**Hazard statements:**

**Precautionary statements:**

None

**Hazards not otherwise classified:**

Combustible materials impregnated with product can spontaneously ignite.

### SECTION 3: Composition/information on ingredients

Identification	Name	Wt. %
<b>CAS number:</b> 8001-26-1	Linseed Oil	100

### SECTION 4: First-aid measures

#### Description of first aid measures

**After inhalation:**

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Get medical advice if you feel unwell.  
If inhaled, remove to fresh air.

#### After skin contact:

Wash with plenty of water / soap and rinse thoroughly.  
Get medical advice if skin irritation occurs or you feel unwell.

#### After eye contact:

Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Get medical advice/attention.

#### After swallowing:

Rinse mouth and do not induce vomiting.  
Get medical advice if you feel unwell or concerned.

#### Most important symptoms and effects, both acute and delayed

##### Acute symptoms:

No information available.

##### Delayed symptoms:

No information available.

#### Immediate medical attention and special treatment:

No information available.

### SECTION 5: Fire-fighting measures

#### Extinguishing media

##### Suitable extinguishing media:

Use Water (fog only), dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

##### Unsuitable extinguishing media:

Do not use water as an extinguisher.

#### Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors.  
Vapors may form explosive mixtures with air.  
Containers may rupture.

#### Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

#### Additional information:

Shut off sources of ignition.  
Heating causes a rise in pressure, risk of bursting and combustion.  
Carbon monoxide and carbon dioxide may form upon combustion.  
Water may be used to cool and protect containers.  
Fight fire from a safe distance, and keep upwind.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

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Wear recommended personal protective equipment.

Ensure adequate ventilation.

Ensure air handling systems are operational.

#### Environmental precautions:

Should not be released into the environment.

Prevent from reaching drains, sewer or waterway.

#### Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders).

Used rags or other cleaning materials should be soaked with water and placed in a sealed container to prevent spontaneous combustion.

Dispose of contents / container in accordance with local regulations.

Do not flush to sewers.

#### Reference to other sections:

Sections 8 and 13.

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Use appropriate personal protective equipment (see Section 8).

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

Used rags or other cleaning materials should be soaked with water and placed in a sealed container to prevent spontaneous combustion.

Wash thoroughly after handling.

#### Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated area.

Protect from freezing and physical damage.

Keep container tightly sealed.

### SECTION 8: Exposure controls/personal protection

#### Components with workplace control parameters:

Component name	Identifier	Permissible concentration
Linseed Oil	8001-26-1	OSHA PEL: TWA value 5 mg/m <sup>3</sup>
Linseed Oil	8001-26-1	ACGIH TLV: 10 mg/m <sup>3</sup>

#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

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#### Respiratory protection:

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.

If there are no applicable exposure limit requirements or guidelines, use a NIOSH-approved respirator.

#### Eye protection:

Safety goggles or glasses, or appropriate eye protection.

#### Skin and body protection:

Select glove material impermeable and resistant to the substance.

#### General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

### SECTION 9: Physical and chemical properties

<b>Appearance (physical state, color):</b>	Liquid, Yellow color	<b>Explosion limit lower: Explosion limit upper:</b>	Not determined or not available. Not determined or not available.
<b>Odor:</b>	Mild	<b>Vapor pressure:</b>	Not determined or not available.
<b>Odor threshold:</b>	Not determined or not available.	<b>Vapor density:</b>	Not determined or not available.
<b>pH-value:</b>	Not determined or not available.	<b>Relative density:</b>	Not determined or not available.
<b>Melting/Freezing point:</b>	Not determined or not available.	<b>Solubilities:</b>	Not miscible or difficult to mix.
<b>Boiling point/range:</b>	Decomposes before boiling	<b>Partition coefficient (n-octanol/water):</b>	Not determined or not available.
<b>Flash point (closed cup):</b>	>260 °C / >500 °F	<b>Auto/Self-ignition temperature:</b>	Not determined or not available.
<b>Evaporation rate:</b>	Not determined or not available.	<b>Decomposition temperature:</b>	Not determined or not available.
<b>Flammability (solid, gaseous):</b>	Not determined or not available.	<b>Dynamic viscosity:</b>	Not determined or not available.
<b>Density:</b>	0.93 g/cm <sup>3</sup> (7.761 lbs/gal)	<b>Kinematic viscosity:</b>	Not determined or not available.

### SECTION 10: Stability and reactivity

#### Reactivity:

Does not react under normal conditions of use and storage.

#### Chemical stability:

Stable under normal conditions of use and storage.

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**Possibility of hazardous reactions:**

None under normal conditions of use and storage.

**Conditions to avoid:**

None known.

**Incompatible materials:**

Strong oxidizing agents.

Strong acids and alkali.

**Hazardous decomposition products:**

Carbon monoxide, carbon dioxide.

### SECTION 11: Toxicological information

**Exposure routes:**

No information available.

**Acute toxicity:**

No information available.

**Skin corrosion/irritation:**

No information available.

**Serious eye damage/irritation:**

Linseed Oil: Not Irritating to the eyes.

**Respiratory or skin sensitization:**

No information available.

**Carcinogenicity:****IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

**NTP (National Toxicology Program):**

None of the ingredients are listed.

**Germ cell mutagenicity:**

No information available.

**Reproductive toxicity:**

No information available.

**STOT-single and repeated exposure:**

No information available.

**Aspiration toxicity:**

No information available.

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#### Additional toxicological information

No information available.

### SECTION 12: Ecological information

#### Ecotoxicity:

No information available.

#### Persistence and degradability:

No information available.

#### Bioaccumulative potential:

No information available.

#### Mobility in soil:

No information available.

#### Other adverse effects:

No information available.

### SECTION 13: Disposal considerations

#### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory agencies.

### SECTION 14: Transportation information

#### Land transport:

##### DOT (49 CFR) transport

UN Number:	Not Regulated
UN Proper shipping name:	Not Regulated
UN Transport hazard classes:	
Packing group:	None
Danger label:	None
Environmental hazards:	None
Special precautions for user:	None

#### Air transport:

##### IATA-DGR

UN Number:	Not Regulated
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UN Proper shipping name:	Not Regulated
UN Transport hazard classes:	
Packing group:	None
Danger label:	None
Environmental hazards:	None
Special precautions for user:	None

#### Sea transport:

##### IMDG

UN Number:	Not Regulated
UN Proper shipping name:	Not Regulated
UN Transport hazard classes:	
Packing group:	None
Danger label:	None
EMS code:	None
Environmental hazards:	None
Special precautions for user:	None
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable	

### SECTION 15: Regulatory information

#### North American

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

Not classified.

##### SARA Section 302 (Extremely hazardous substances):

None of the ingredients are listed.

##### SARA Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

##### TSCA (Toxic Substances Control Act):

All ingredients are listed.

##### TSCA Rules and Orders:

Not applicable.

##### Proposition 65 (California):

Chemicals known to cause cancer:

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None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

### Canada

**DSL (Canadian Domestic Substances List):**

All ingredients are listed.

### SECTION 16: Other information

**Abbreviations and Acronyms:** None

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 0-1-0

**HMIS:** 0-1-0

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