



Innovation through Nature

Material Safety Data Sheet

TEXTROL® LUBRICK

Industrial Soy Product

Last Revised: 06/15/2016

Section 1 - Company Information

Solae, LLC
4300 Duncan Avenue
St. Louis, MO USA 63110

Transportation Emergency: 1.800.424.9300 CHEMTREC
Product Information: 314.659.3000
(Available 8:00am - 4:30pm CST)
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This Material Safety Data Sheet is provided as general information for health and safety guidance. To the best of our knowledge the above named product does not meet the definition of "Hazardous Chemical" as defined in the OSHA "Hazard Communication Standard" regulation 29 CFR 1910.1200. NA = not applicable ND = not determined

Section 2 - Hazards Identification

Health Hazards (Acute & Chronic): None known.

Potential Health Effects

Routes of Exposure:

Eye: Yes
Skin: Yes
Inhalation: Yes
Ingestion: Yes

Symptoms:

Irritation
Irritation
May cause irritation to upper respiratory tract (nose and throat).
An allergic reaction may occur in some persons due to ingestion of or contact with ingredients of this product.¹

¹ The ingredient(s) contained in this product are listed on the US FDA "8 Major Food Allergen List (milk, egg, fish, crustacean shellfish, tree nuts, wheat, peanuts, soybeans)". This product should therefore be treated as a potential allergen. Contact with this product may result in an allergic reaction in some persons.

Section 3 - Composition/Information on Ingredients

Components (Specific Chemical Identity): Common Name(s)

Component(s)	CAS #	% by Weight	PEL (OSHA) (Permissible Exposure Limits) If Atomized	TLV (ACGIH) (Threshold Limit Value) If Atomized
Soybean Oil	8001-22-7	>95 %	15 mg/m3	10 mg/m3
Acetone	67-64-1	<500 ppm	1000 ppm (TWA) 2400 mg/m3 (TWA)	500 ppm 1188 mg/m3
Mesityl Oxide	141-79-7	<20 ppm	25 ppm (TWA) 100 mg/m3 (TWA)	15 ppm 60 mg/m3

Additional Information:

Section 4 - First Aid Measures

Eye: Flush with water for 15 minutes
Skin: Wash with soap and water.
Inhalation: Move to fresh air immediately. If breathing difficulty occurs, seek medical attention.
Ingestion: Wash mouth out with water. Do not administer anything by mouth to an unconscious person.

Consult a physician if situation warrants.

Section 5 - Fire Fighting Measures

Flammable Properties

Flash Point: >300F

Method: Open Cup

Flammable Limits in Air:

LEL (Lower Explosive Limit): Not Applicable

UEL (Upper Explosive Limit): Not Applicable

Extinguishing Media: Dry Chemical, foam or CO2. Application of water to flaming oil can cause spattering. Oil will float on water.

Fire Fighting Instructions: Wear full protective clothing and NIOSH approved self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Accidental Materials Release or Spill: Absorb spilled material with inert substance and discard properly. Do not allow spillage into sewage system, surface water or ground water. Material will clog plumbing rapidly, especially in contact with cold water.

Waste Disposal Method: Material is biodegradable; dispose of material in approved sanitary landfill in accordance with state and federal regulations. Material will clog plumbing rapidly, especially in contact with cold water.

Section 7 - Handling & Storage

Store in a closed container. Storage temperature should be between 60-90F/16-32C. Storage area should be well-ventilated.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation/Exhaust: Good general ventilation should be provided

Personal Protective Equipment:

Eye/Face Protection: Safety goggles recommended. Cover exposed skin.

Skin Protection: Protective Gloves

Respiratory Protection: Use a NIOSH-approved respirator if vapors or mist or are generated.

Exposure Guidelines: Misty conditions exceeding 15 mg/m3 (OSHA PEL), 10 mg/m3 (ACGIV TLV)

Section 9 - Physical & Chemical Properties

Boiling point: Not Applicable
Appearance & Odor: Amber-colored fluid
Melting Point: -9 C
Solubility in Water: insoluble
Vapor pressure: 15 mm at 25 C
Vapor density (AIR = 1): Not Determined
Specific Gravity (g/mL): 0.92
Evaporation rate: Not Determined

Section 10 - Stability & Reactivity

Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Keep away from open flame and excessive heat.
Incompatibility with Other Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, oxides of nitrogen, oxides of phosphorous.
Hazardous Polymerization:	Will not occur.

Section 11 - Toxicological Information

Acetone is a known eye irritant.
Mesityl Oxide is a known skin and eye irritant.

Section 12 - Ecological Information

Neither the manufacturing process of Textrol Lubrick nor the final products contain ozone-depleting chemicals. Textrol Lubrick has been tested for dioxins. Dioxins (all isomers) were not detected using detection levels lower than 10 parts per trillion.
No elemental chlorine is used in the manufacturing of Textrol Lubrick.
No toxic heavy metals are used during the Textrol Lubrick manufacturing process. Textrol Lubrick does not exceed the toxic heavy metal levels specified in the CONEG (Council of Northeastern Governors) legislation.

Section 13 - Disposal Considerations

Material is non-hazardous. Dispose of in accordance to Federal, State, and local regulations.

Section 14 - Transport Information

Shipping Information - Not regulated as hazardous material by Department of Transportation.

Section 15 - Regulatory Information

All ingredients used in the manufacture of Textrol Lubrick are mixtures of ingredients listed and are certified for the following CFR Title 40: Protection of Environment Laws and Regulations:

- CERCLA Sections 102A/103 Hazardous substances (40 CFR Part 302.4): Below detection limits, not reportable
- SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355) : Substance not regulated
- SARA Title III Sections 311/312 Hazardous Categorization (40 CFR Part 370): Substance not regulated
- SARA Title III Section 313 (40 CFR Part 372): Substance not regulated
- Toxic Substances Control Act (TSCA) inventory of chemical substances (40 CFR 710):

Listed under their respective CAS numbers.

Section 16 - Other Information

Hazard Rating

Health:	1	0 = None
Flammability:	1	1 = Minimal
Reactivity:	0	2 = Moderate
		3 = Severe
		4 = Extreme

Work/Hygienic Practices: Use good personal hygiene practices

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