OILS, MISCELLANEOUS: LINSEED

	CAUTIONARY RESPO					
Common Syno Flaxseed oil Linseed oil Raw linseed oil Call fire deg Avoid conte Notify local Protect wal Fire Exposure	nyms Liquid Floats on water. Dartment. Liquid Floats on water. The set in takes. Combustible. Extinguish with dry chemicals, for Water may be ineffective on fire. LIQUID Not harmful.	Light yellow to dark Paint-like odor yellow as. am or carbon dioxide.	 FIRE HAZARDS Flash Point: 535°F O.C. 403°F C.C. Flasmable Limits in Air: Not pertinent Fire Extinguishing Agents: Dry chemical, foam, carbon dioxide Fire Extinguishing Agents Not to Be Used: Water or foam may cause frothing; water may be ineffective Special Hazards of Combustion Products: Not pertinent Behavior in Fire: Not pertinent Behavior in Fire: Not pertinent Burning Rate: 4 mm/min. Matabatic Flame Temperature: Currently not available Stoichometric Air to Fuel Ratio: Not 	7. SHIPPING INFORMATION 7.1 Grades of Purity: Raw grade; varnish grade; grinding grade; heat-bodied grade; blown grade 7.2 Storage Temperature: Ambient 7.3 Inert Atmosphere: No requirement 7.4 Venting: Open (flame arrester) 7.5 IMO Pollution Category: D 7.6 Ship Type: Data not available 7.7 Barge Hull Type: Currently not available 8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Not listed 8.2 49 CFR Class: Not pertinent 8.3 49 CFR Package Group: Not listed. 8.4 Marine Pollutant: No		
Water Pollution	Do not induce vomiting. Effect of low concentrations on a Fouling to shoreline. May be dangerous if it enters wal Notify local health and wildlife offi Notify operators of nearby water RESPONSE ACTIONS arge Systems: Skim line terfowl	quatic life is unknown. ter intakes. cials. intakes. 2. CHEMICAL DESIGNATIONS 2.1 CG Compatibility Group: 33; Miscellaneous hydrocarbon mixture 2.2 Formula: Not applicable 2.3 IMO/UN Designation: Not listed 2.4 DOT ID No.: Not listed 2.5 CAS Registry No.: Currently not available 2.5 CAS Registry No.: Currently not available	Pertinent. 4.12 Flame Temperature: Currently not available 4.13 Combustion Molar Ratio (Reactant to Product): Not pertinent. 4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed 5. CHEMICAL REACTIVITY 5.1 Reactivity with Water: No reaction 5.2 Reactivity with Common Materials: No reaction 5.3 Stability During Transport: Stable 5.4 Neutralizing Agents for Acids and Caustics: Not pertinent	8.5 NFPA Hazard Classification: Category Classification Health Hazard (Blue) 0 Flammability (Red) 0 Instability (Yellow) 0 8.6 EPA Reportable Quantity: Not listed. 8.7 EPA Pollution Category: Not listed. 8.8 RCRA Waste Number: Not listed 8.9 EPA FWPCA List: Not listed 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Physical State at 15° C and 1 atm: Liquid 9.2 Molecular Weinbt: Not periment		
 3.1 Personal Prote 3.2 Symptoms Foll with skin ca 3.3 Treatment of E and water. 3.4 TLV-TWA: Not 3.6 TLV-STEL: Not 3.6 TLV-STEL: Not 3.6 TLV-Steling: Na 3.10 Vapor (Gas) In 3.11 Liquid or Solic 3.12 Odor Threshol 3.13 IDLH Value: Na 3.14 OSHA PEL-ST 3.16 OSHA PEL-ST 3.17 EPA AEGL: Na 	3. HEALTH H ctive Equipment: Goggles or face owing Exposure: Contact of liquid in cause dermatitis. Ingestion of lar xposure: EYES: flush with water f INGESTION: do NOT induce vomit listed. listed. ti listed. sestion: Grade 0; LDso >15 g/kg lalation: Currently not available. ty: Liver damage in rats (from addit ritant Characteristics: Currently not available ti currently not available ti currently not available ti fisted. A: Not listed. EL: Not listed. ling: Not listed. ti listed	2.7 Standard Industrial Trade Classification: 9899 AZARDS a shield; rubber gloves with eyes causes mild irritation. Prolonged contact ge doses (over 1 oz) has laxative effect. for at least 15 min. SKIN: wipe off; wash with soap ting. ion of oil to diet) ot available ailable	 5.6 Inhibitor of Polymerization: Not pertinent 6. WATER POLLUTION 6.1 Aquatic Toxicity: Currently not available 6.2 Waterfowl Toxicity: Currently not available 6.3 Biological Oxygen Demand (BOD): Currently not available 6.4 Food Chain Concentration Potential: None 6.5 GESAMP Hazard Profile: Bioaccumulation: 0 Damage to living resources: 0 Human Oral hazard: 0 Human Contact hazard: 1 Reduction of amenities: XX 	 9.3 Boiling Point at 1 atm: Not pertinent (very high) 9.4 Freezing Point: -2°F = -19°C = 254°K 9.5 Critical Temperature: Not pertinent 9.6 Critical Tenssure: Not pertinent 9.7 Specific Gravity: 0.932 at 20°C (liquid) 9.8 Liquid Surface Tension: (est.) 25 dynes/cm = 0.025 N/m at 20°C 9.9 Liquid Water Interfacial Tension: (est.) 50 dynes/cm = 0.050 N/m at 20°C 9.10 Vapor (Gas) Specific Gravity: Not pertinent 9.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent 9.12 Latent Heat of Vaporization: Not pertinent 9.13 Heat of Composition: Not pertinent 9.14 Heat of Decomposition: Not pertinent 9.15 Heat of Fusion: Not pertinent 9.16 Heat of Fusion: Not pertinent 9.17 Heat of Fusion: Not pertinent 9.18 Limiting Value: Currently not available 9.18 Reid Vapor Pressure: Currently not available 		
				DTES		

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9.20 SATURATED LIQUID DENSITY		9.21 LIQUID HEAT CAPACITY		9.22 LIQUID THERMAL CONDUCTIVITY		9.23 LIQUID VISCOSITY	
Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F	Temperature (degrees F)	British thermal unit inch per hour-square foot-F	Temperature (degrees F)	Centipoise
34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 68 60 62 64 66 68 80 82 84	59,250 59,190 59,130 59,080 59,020 58,970 58,970 58,970 58,860 58,860 58,850 58,850 58,840 58,850 58,470 57,970 57,970 57,960	65 70 75 80 99 90 100 105 110 115 120 125 130 135 140 145 155 165 165 170	0.456 0.458 0.459 0.461 0.463 0.466 0.466 0.466 0.470 0.471 0.473 0.477 0.477 0.477 0.477 0.477 0.478 0.480 0.480 0.482 0.484 0.485 0.484 0.489 0.489 0.491 0.492	35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120	1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158 1.158	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77	56.030 54.880 53.760 51.590 50.550 49.530 45.530 47.560 46.620 45.690 44.790 43.900 43.900 43.900 43.900 43.900 43.900 43.900 33.790

9.24 SOLUBILITY IN WATER		9.25 SATURATED VAPOR PRESSURE		9.26 SATURATED VAPOR DENSITY		9.27 IDEAL GAS HEAT CAPACITY	
Temperature (degrees F)	Pounds per 100 pounds of water	Temperature (degrees F)	Pounds per square inch	Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F
	I N S O		N O T		N O T		N O T
	O L U B L E		P E R T I N E N T		P E R T I N E N T		P E R T I N E N T