

# OILS, EDIBLE: VEGETABLE

OVG

CAUTIONARY RESPONSE INFORMATION				4. FIRE HAZARDS	7. SHIPPING INFORMATION
Common Synonyms	Oily liquid	Pale yellow	Weak, fatty odor	4.1 Flash Point: 610°F O.C. 4.2 Flammable Limits in Air: Currently not available 4.3 Fire Extinguishing Agents: Dry chemical, foam, or carbon dioxide 4.4 Fire Extinguishing Agents Not to Be Used: Water may be ineffective. 4.5 Special Hazards of Combustion Products: Not pertinent 4.6 Behavior in Fire: Not pertinent 4.7 Auto Ignition Temperature: Currently not available 4.8 Electrical Hazards: Not pertinent 4.9 Burning Rate: Currently not available 4.10 Adiabatic Flame Temperature: Currently not available 4.11 Stoichiometric Air to Fuel Ratio: Not 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	7.1 Grades of Purity: Currently not available 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
Call fire department. Notify local health and pollution control agencies.					8. HAZARD CLASSIFICATIONS
Fire	Combustible. Extinguish with dry chemical, foam or carbon dioxide. Water may be ineffective on fire. Cool exposed containers with water.				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 8.5 NFPA Hazard Classification:
Exposure	Not harmful.				Category Classification Health Hazard (Blue)..... 0 Flammability (Red)..... 1 Instability (Yellow)..... 0
Water Pollution	Effect of low concentrations on aquatic life is unknown. Fouling to shoreline. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes.				8.6 EPA Reportable Quantity: Not listed. 8.7 EPA Pollution Category: Not listed. 8.8 RCRA Waste Number: Not listed 8.9 EPA FWC List: Not listed
1. CORRECTIVE RESPONSE ACTIONS	Stop discharge Contain Collection Systems: Skim Chemical and Physical Treatment: Absorb Clean shore line Salvage waterfowl	2. CHEMICAL DESIGNATIONS		5. CHEMICAL REACTIVITY	9. PHYSICAL & CHEMICAL PROPERTIES
		2.1 CG Compatibility Group: 34; Ester 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 2.6 NAERG Guide No.: Not listed 2.7 Standard Industrial Trade Classification: 42000		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 5.5 Polymerization: Not pertinent 5.6 Inhibitor of Polymerization: Not pertinent	9.1 Physical State at 15°C and 1 atm: Liquid 9.2 Molecular Weight: Not pertinent 9.3 Boiling Point at 1 atm: Very high 9.4 Freezing Point: Not pertinent 9.5 Critical Temperature: Not pertinent 9.6 Critical Pressure: Not pertinent 9.7 Specific Gravity: 0.923 at 25°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 = 0.05 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 Combustion: (est.) -16,000 Btu/lb = -8,870 cal/g = -371 X 10 <sup>3</sup> J/kg 9.14 Heat of Decomposition: Not pertinent 9.15 Heat of Solution: Not pertinent 9.16 Heat of Polymerization: Not pertinent 9.17 Heat of Fusion: Currently not available 9.18 Limiting Value: Currently not available 9.19 Reid Vapor Pressure: Currently not available
3. HEALTH HAZARDS				6. WATER POLLUTION	NOTES
3.1 Personal Protective Equipment: Goggles or face shield. 3.2 Symptoms Following Exposure: None is a food. 3.3 Treatment of Exposure: EYES: flush with water for at least 15 min. 3.4 TLV-TWA: 10 mg/m <sup>3</sup> (mist) 3.5 TLV-STEL: Not listed. 3.6 TLV-Ceiling: Not listed. 3.7 Toxicity by Ingestion: None 3.8 Toxicity by Inhalation: Currently not available. 3.9 Chronic Toxicity: None 3.10 Vapor (Gas) Irritant Characteristics: None 3.11 Liquid or Solid Characteristics: None 3.12 Odor Threshold: Currently not available 3.13 IDLH Value: Not listed. 3.14 OSHA PEL-TWA: 15 mg/m <sup>3</sup> (total dust); 5 mg/m <sup>3</sup> (respirable fraction) 3.15 OSHA PEL-STEL: Not listed. 3.16 OSHA PEL-Ceiling: Not listed. 3.17 EPA AEGL: Not listed			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: (1) Human Contact hazard: I Reduction of amenities: XX		

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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
50	58.050	35	0.478	50	1.179	50	3909.000
52	57.980	40	0.478	60	1.179	55	3027.000
54	57.910	45	0.478	70	1.179	60	2356.000
56	57.840	50	0.478	80	1.179	65	1842.000
58	57.780	55	0.478	90	1.179	70	1448.000
60	57.710	60	0.478	100	1.179	75	1142.000
62	57.640	65	0.478	110	1.179	80	905.500
64	57.570	70	0.478	120	1.179	85	720.799
66	57.500	75	0.478	130	1.179	90	576.199
68	57.430	80	0.478	140	1.179	95	462.399
70	57.360	85	0.478	150	1.179	100	372.599
72	57.290	90	0.478	160	1.179	105	301.399
74	57.220	95	0.478	170	1.179	110	244.699
76	57.150	100	0.478	180	1.179	115	199.299
78	57.080			190	1.179	120	163.000
80	57.010			200	1.179	125	133.699
82	56.940			210	1.179	130	110.099
84	56.870					135	90.940
86	56.800						
88	56.730						
90	56.670						
92	56.600						
94	56.530						
96	56.460						
98	56.390						
100	56.320						

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 L U B L E	35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120	0.013 0.016 0.018 0.022 0.026 0.030 0.035 0.041 0.048 0.056 0.065 0.075 0.086 0.099 0.113 0.129 0.147 0.168		N O T P E R I N E T		N O T P E R I N E T