

WHITE SPIRIT (LOW (15-20%) AROMATIC)

WSL

CAUTIONARY RESPONSE INFORMATION

Common Synonyms SKDN	Liquid	Colorless
<p>Keep people away. Avoid contact with liquid and vapor. Wear self-contained breathing apparatus and protective clothing. Shut off ignition sources and call fire department. Extinguish with dry chemical, alcohol foam or CO₂. Notify local health and pollution control agencies. Protect water intakes.</p>		
Fire	Combustible. Flash back along vapor trail may occur. Water may be ineffective on fire. Extinguish with dry chemical, alcohol foam or CO ₂ .	
Exposure	CALL FOR MEDICAL AID. VAPOR AND LIQUID May cause narcotic effects at high concentration, irritating eyes and skin, and may induce coughing. If inhaled, move to fresh air and treat symptoms. Flush affected areas with water and soap. IF IN EYES, hold eyelids open and flush with plenty of water.	
Water Pollution	Effect of low concentration on aquatic life is not known. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes.	

1. CORRECTIVE RESPONSE ACTIONS Stop discharge Contain Collection Systems: Skim Chemical and Physical Treatment: Burn	2. CHEMICAL DESIGNATIONS 2.1 CG Compatibility Group: 33; Miscellaneous hydrocarbon mixtures. 2.2 Formula: Not pertinent. 2.3 IMO/UN Designation: 3.3/2319 2.4 DOT ID No.: 2319 2.5 CAS Registry No.: 63394-00-3 2.6 NAERG Guide No.: 128 2.7 Standard Industrial Trade Classification: 33419
3. HEALTH HAZARDS 3.1 Personal Protective Equipment: Self-contained breathing apparatus. 3.2 Symptoms Following Exposure: At high concentration may cause narcotic effects and defatting of skin. Irritates eyes and skin and may cause induced coughing. 3.3 Treatment of Exposure: INHALATION: Call for medical aid. Take the affected person to fresh air. Treat symptoms. EYES: Flush with plenty of water. SKIN: Take off contaminated clothing and shoes. Wash with plenty of water and soap. 3.4 TLV-TWA: Not listed. 3.5 TLV-STEL: Not listed. 3.6 TLV-Ceiling: Not listed. 3.7 Toxicity by Ingestion: Grade 2; LD ₅₀ > 6.0 g/kg (rat) 3.8 Toxicity by Inhalation: Currently not available. 3.9 Chronic Toxicity: Currently not available 3.10 Vapor (Gas) Irritant Characteristics: Vapors cause moderate irritation such that personnel will find high concentrations unpleasant. The effect is temporary. 3.11 Liquid or Solid Characteristics: Minimum hazard. If spilled on clothing and allowed to remain, may cause smarting and reddening of skin. 3.12 Odor Threshold: Currently not available 3.13 IDLH Value: Not listed. 3.14 OSHA PEL-TWA: Not listed. 3.15 OSHA PEL-STEL: Not listed. 3.16 OSHA PEL-Ceiling: Not listed. 3.17 EPA AEGL: Not listed	

4. FIRE HAZARDS

- 4.1 **Flash Point:** 104°F C.C.
- 4.2 **Flammable Limits in Air:** LEL 0.6% - UEL 6.5%
- 4.3 **Fire Extinguishing Agents:** Water spray, alcohol foam, carbon dioxide, dry chemical.
- 4.4 **Fire Extinguishing Agents Not to Be Used:** Water may not be effective.
- 4.5 **Special Hazards of Combustion Products:** Not known.
- 4.6 **Behavior in Fire:** Currently not available
- 4.7 **Auto Ignition Temperature:** 410°F
- 4.8 **Electrical Hazards:** Currently not available
- 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

5. CHEMICAL REACTIVITY

- 5.1 **Reactivity with Water:** Currently not available
- 5.2 **Reactivity with Common Materials:** Currently not available
- 5.3 **Stability During Transport:** Stable.
- 5.4 **Neutralizing Agents for Acids and Caustics:** Currently not available
- 5.5 **Polymerization:** Will not occur.
- 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:** Currently not available
- 6.5 **GESAMP Hazard Profile:**
 Bioaccumulation: Z
 Damage to living resources: 3
 Human Oral hazard: 1
 Human Contact hazard: II
 Reduction of amenities: X

7. SHIPPING INFORMATION

- 7.1 **Grades of Purity:** Currently not available
- 7.2 **Storage Temperature:** Ambient.
- 7.3 **Inert Atmosphere:** Currently not available
- 7.4 **Venting:** Currently not available
- 7.5 **IMO Pollution Category:** B
- 7.6 **Ship Type:** 2
- 7.7 **Barge Hull Type:** Currently not available

8. HAZARD CLASSIFICATIONS

- 8.1 **49 CFR Category:** Flammable liquid
- 8.2 **49 CFR Class:** 3
- 8.3 **49 CFR Package Group:** III
- 8.4 **Marine Pollutant:** Yes
- 8.5 **NFPA Hazard Classification:** Not listed
- 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:** Currently not available
- 9.2 **Molecular Weight:** Currently not available
- 9.3 **Boiling Point at 1 atm:** 302-374°F = 150-190°C = 423.2-463.2°K
- 9.4 **Freezing Point:** Currently not available
- 9.5 **Critical Temperature:** Currently not available
- 9.6 **Critical Pressure:** Currently not available
- 9.7 **Specific Gravity:** 0.780
- 9.8 **Liquid Surface Tension:** Currently not available
- 9.9 **Liquid Water Interfacial Tension:** Currently not available
- 9.10 **Vapor (Gas) Specific Gravity:** Currently not available
- 9.11 **Ratio of Specific Heats of Vapor (Gas):** Currently not available
- 9.12 **Latent Heat of Vaporization:** Currently not available
- 9.13 **Heat of Combustion:** Currently not available
- 9.14 **Heat of Decomposition:** Currently not available
- 9.15 **Heat of Solution:** Currently not available
- 9.16 **Heat of Polymerization:** Currently not available
- 9.17 **Heat of Fusion:** Currently not available
- 9.18 **Limiting Value:** Currently not available
- 9.19 **Reid Vapor Pressure:** Currently not available

NOTES

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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
	C U R R E N T L Y N O T A V A I L A B L E		C U R R E N T L Y N O T A V A I L A B L E		C U R R E N T L Y N O T A V A I L A B L E		C U R R E N T L Y N O T A V A I L A B L E

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	104 140	0.305 0.696		C U R R E N T L Y N O T A V A I L A B L E		C U R R E N T L Y N O T A V A I L A B L E