Material Safety Data Sheet

IDENTITY: A-99 "Crop Oil Concentrate

Section I

Manufacturer's Name: Ag Spray, Inc.	Emergency Telephone Number: 503-371-7907
Address: PO Box 12129	Telephone Number for Information: 503-371-7907
Salem, Oregon 97309-0129	Date Prepared: October 10, 2007

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended
Distillates, hydrotreated heavy paraffinic CAS# 64742-54-7	5 mg/m3	5 mg/m3	NE

Section III - Physical/Chemical Characteristics

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Boiling Point	> 560° F	Specific Gravity (H ₂ O = 1)	.87		
Vapor Pressure (mm Hg) .01 Melting Point < 32° F					
Vapor Density (AIR = 1)	.45	Evaporation Rate (Butyl Acetate = 1)			
Solubility in Water: Emulsifiable					
Appearance and Odor: Light liquid, hydrocarbon odor.					

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
> 380° F (TCC)	None	NA	NA

Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames

Special Fire Fighting Procedures: Not classified by OSHA as flammable or combustible. This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including selfcontained breathing apparatus.

Unusual Fire and Explosion Hazards: None known (None expected)

Section V - Reactivity Data

Stability:	Unstable		Conditions to Avoid:	
	Stable	x	NE	
	Incompatibility (Materials to Avoid): May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.			
Hazardous Deco	Hazardous Decomposition or Byproducts: None known (None expected)			
Hazardous Polymerization	May Occur		Conditions to Avoid:	
	Will Not Occur	х	NE	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? No	Skin?	Yes	Ingestion? No
Health Hazards (Acute and Chronic): Eyes: May cause mild transient eye irritation. Skin: Prolonged contact may cause mild transient skin irritation. Repeated contact may cause skin sensitization in susceptible individuals.				
Carcinogenicity: None NTP? No IARC Monographs? No OSHA Regulated? No				OSHA Regulated? No
Signs and Symptoms of Exposure: Eyes: Burning sensation. Skin: Irritation possible.				
Medical Conditions Generally Aggravated by Exposure: No applicable information found.				
Emergency and First Aid Procedures: Eyes: Flush with water for 15 minutes. If irritation persists, call physician. Skin: Wash off with soap and water.				

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Large spills--Eliminate ignition sources. In a clean area, dike and recover for reuse. Dispose of contaminated material. Small spills--Mix with absorbent material and dispose.

Waste Disposal Method: Dispose of waste by incineration in accordance with all local, state and federal regulations.

Precautions to Be taken in Handling and Storing: Avoid contact with skin and eyes. Wash thoroughly after handling. DOT Storage category: Non-Regulated Material

Other Precautions: Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section VIII - Control Measures

Respiratory Protection (Specify Type): For normal operations, no respiratory protection is required.				
Ventilation:	Local Exhaust: Yes Special		Special: None	
	Mechanical (General): None		Other: None	
Protective Gloves: Nitrile gloves.		Eye Protection: Chemical splash goggles.		
Other Protective Clothing or Equipment: Eye wash facilities.				

Work/Hygienic Practices: Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label that will dictate engineering and control measures

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*Technical Material	NE = Not Established	NA = Not Applicable
	< = Less than	> = More than

HAZARD RATINGS	HMIS	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE	Х	

HAZARD RATING SCALE:

3 = Serious 0 = Minimal 4 = Severe

1 = Slight

2 = Moderate

