

## MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

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### HMIS Ratings

Health: 1  
Flammability: 1  
Reactivity: 0

Personal Protection: None required

(0 = minimal, 1 = slight, 2 = moderate, 3 = serious, 4 = extreme)

### SECTION I - Product Identification

Product Name: **CRYSTAL® OIL & GREASE – Specialty Spotting Agent** (Item Code COG-7)

### SECTION II – Composition/Information on Ingredients

Components (Specific Chem. Ident.)	CAS Number	OSHA PEL	ACGIH TLV
Soy Esters	67784-80-9	Not Established	Not Established
Glycol Ethers	mixture	Not Established	Not Established
Non-ionic surfactant	mixture	Not Established	Not Established

### SECTION III - Physical/Chemical Characteristics

Appearance:	Clear amber liquid	Odor:	Soy
Boiling Point:	354-388 °F	Density:	7.65 lbs/gal
Evaporation Rate (Butyl Acetate=1):	<1	Solubility in Water:	Emulsifiable
Vapor Pressure (mm Hg):	Unknown	pH:	N/A
Vapor Density (AIR=1):	Heavier than air		

### SECTION IV - Fire and Explosion Hazard Data

Flash Point:	>200 °F	Flammable Limits:	Unknown
Extinguishing Media:	Use foam, dry chemical, or water spray	Fire Fighting Procedure:	None
Unusual Fire & Explosion Hazards:	None		

### SECTION V - Reactivity Data

Stability:	Stable
Materials to Avoid:	Do not mix with other cleaners or chemicals
Conditions to Avoid:	Avoid heat, flame, static electricity, and other sources of ignition
Hazardous Decomposition or Byproducts:	None known, hazardous polymerization will not occur

### SECTION VI - Health Hazard Data

Product hazard classification:	None
Carcinogenic ingredients:	None
Effects of overexposure:	Ingestion may cause nausea or diarrhea. May cause temporary irritation to eyes and skin.
Medical Conditions aggravated by use:	Unknown

### Emergency & First Aid Procedures:

Ingestion-	Non-toxic material. Drink plenty of water, consult a physician immediately.
Inhalation-	Remove person to fresh air immediately, consult a physician.
Skin/Eye Contact-	Rinse with water immediately for 10 minutes, consult a physician if irritation persists.

### SECTION VII - Precautions for Safe Handling and Use

In Case of Spill:	Mop up, wet vacuum or use absorbent material (sand, clay, sawdust). Rinse area with water to prevent slipping.
Waste Disposal Method:	Dispose of in accordance with all federal, state, and local regulations.
Storing & Handling Precautions:	Do not store near heat. Do not freeze. Keep containers closed while storing.
Other Precautions:	If frozen, allow to thaw to room temperature. Mix before using.

### SECTION VIII - Control Measures

Respiratory Protection:	None required	Protective Gloves:	In case of repeated or prolonged skin contact, wear protective gloves to prevent drying and possible irritation.
Other Protective Clothing or Equipment:	None required		
Ventilation:	None required		
Eye Protection:	None required	Work/Hygienic Practices:	Follow good manufacturing and housekeeping practices.
Mechanical (general):	None required		

### SECTION IX - Special Precautions - None

### SECTION X - Department of Transportation

Shipping Hazard Classification: None

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