

HERBI OIL 83-17

MATERIAL SAFETY DATA SHEET

Manufacturer's Name & Address

Southern Agricultural Insecticides, Inc.
PO Box 218, Palmetto, Fla. 34220

Phone: 941-722-3285
Chemtrec: 800-424-9300

I NOMENCLATURE

Product Name: HERBI OIL 83-17
Chemical Name: Mixture Of Severely hydrotreated paraffinic oil and non hazardous surfactant
Synonyms: Herbicidal oil spray adjuvant

II INGREDIENTS

	nominal	CAS#	OSHA PEL	ACGIH TLV
Petroleum oil	83 %	CAS# 72623-84-8 CAS# 72623-87-1 CAS# 64741-88-4	5 mg/m ³ (oil mists)	5 mg/m ³
Emulsifier (not hazardous)	17 %	CAS# not listed	not listed	not listed

III PHYSICAL PROPERTIES ND = Not determined

Boiling Point: ND	Specific Gravity: 0.88
Vapor Pressure: ND	Percent Volatile: N D
Vapor Density: (air=1)N D	Evaporation Rate: N D
Reactivity in Water: Nil	Solubility In Water: product emulsifies
Appearance/Odor: Clear slightly yellow with sweetish mineral odor	

IV FIRE AND EXPLOSION DATA

Flash Point > 200°F **Flammable Limits:** Lel ND Uel ND

Extinguishing Media: Dry chemical, foam, water fog

Special Fire Fighting Procedures: Small fire. Use dry chemical, CO2 foam, water spray. Large fire use water spray, fog or foam. Water spray to cool fire exposed containers, and structures. Fire exposed containers may rupture due to pressurization. Do not use water jet. Use water carefully near exposed/burning liquid to avoid frothing and splashing of hot material. Water may be used to flush spills away from sources of ignition.

Unusual Fire & Explosion Hazards: Combustible at high temperatures. Empty containers may retain product residue including flammable or explosive vapors. Do not cut, drill, grind, or weld near full, partially full or empty containers.

V FIRST AID

First Aid for EYE Exposure: Flush eyes a gentle stream of clean water for at least 15 minutes. Hold eye lids apart to ensure washing underside of lids. Remove contact lenses while rinsing. Get medical attention.

First Aid for SKIN Exposure: Remove contaminated clothing and wash all exposed skin surfaces thoroughly with soap and water. If irritation develops, see a physician.

First Aid for INHALATION: Remove from exposure. If irritation develops, see a physician.

First aid if SWALLOWED: Do not induce vomiting. Possible aspiration hazard. Give one or two glasses of water to drink and get immediate medical assistance. Do not give anything by mouth to an unconscious person.

SYMPTOMS of OVEREXPOSURE: May cause (transient) eye irritation. Repeated or prolonged contact may cause skin irritation and/or dermatitis. Repeated or prolonged exposure to vapors, fumes, or mists may cause irritation of the respiratory tract. Massive exposure to vapors, fumes, or mists may cause headache, dizziness and/or drowsiness (CNC depression). Ingestion may cause gastrointestinal (GI) disturbances such as nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonia.

There are no ingredients above the 0.1% reporting limits for carcinogens.

VI REACTIVITY

Stability: Stable under normal storage conditions.

Materials to Avoid: May react with strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide may be emitted under conditions of incomplete combustion.

Hazardous Polymerization: Not expected to occur.

HERBI OIL 83-17 MATERIAL SAFETY DATA SHEET**VII SPILL OR LEAK PROTECTION**

Steps To Be Taken If Spilled: Stop flow, dike spill and eliminate all sources of ignition. Keep material from sewers and all water sources. Avoid excessive inhalation and skin contact. Observe precautions on section VIII. Absorb with inert absorbent(non-flammable) and scrape up. Remove soiled clothing. Spilled material is slippery.

Waste Disposal: Where possible use in accord with label instructions. Incinerate under controlled conditions. All disposal must be in accord with local, State, and Federal regulations.

VIII SPECIAL PROTECTION

Respiratory: Type/Conditions: None normally required. For prolonged and/or repeated exposure to oil and spray mists and/or when exposure limits would be exceeded wear a NIOSH approved respirator with pesticide cartridge. When used in combination with pesticides, follow pesticide safety precautions.

Ventilation: None normally required. Local exhaust, in addition to general ventilation to adjust to occupational exposure limit.

Gloves: Oil impervious gloves.

Eye Protection: Chemical goggles.

Other protective equipment: Oil impervious apron if contact is unavoidable. Clean, freshly laundered, body covering work clothing.

IX SPECIAL PRECAUTIONS

Handling Precautions: Avoid contact with skin. Do not breathe vapors, mists or fumes. Wash thoroughly after use. Do not wear contaminated clothing. Eliminate ignition sources when handling undiluted material..

Storing Precautions: Do not damage containers while handling. Do not place leaking or damaged containers in storage. Store in cool, dry, well ventilated area, away from ignition sources.

Other Precautions: Herbi-oil is intended for use a adjuvant for use with certain Herbicides. Proper care should be exercised to follow precautions given for the pesticide used as Herbi-Oil could increase absorption of the pesticide. KEEP OUT OF REACH OF CHILDREN. Do not contaminate any body of water by cleaning equipment or disposal of waste.

X SHIPPING AND SELECTED REGULATORY INFORMATION

Not regulated by DOT for surface transportation

Freight classification Spray adjuvants liquid NMFC 4612

Section 313 Sara Title III not subject to reporting requirements.

RQ not applicable

This information relates solely to the designated product and is not inclusive for combinations with other materials. This information is given without warranty or representation. Information is based on data we believe to be correct as of the date hereof. This information is furnished solely for your consideration, investigation, and verification. Before using any product READ THE LABEL.

Re: Witco MSS product 088 1659 4/92,

BVA MSS BVA Spray Oil 9/95

CFR 29 7/95

CFR 40 1/95

CFR49 parts 171-172-173

JKeller

Regulatory Cross Ref.

last revised: 5/93