

# SA-50 BRAND LIQUID SOIL WETTING AGENT MATERIAL SAFETY DATA SHEET

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## Manufacturer's Name & Address

Southern Agricultural Insecticides, Inc.  
P.O. Box 218, Palmetto, Fla. 34220

Phone: 1-813-722-3285  
Chemtrec: 1-800-424-9300

## I NOMENCLATURE

**Product Name:** LIQUID SOIL WETTING AGENT  
**Chemical Name:** Alkyl aryl polyoxyethylene glycol ethers and other ethoxylated fatty acid derivatives.  
**Synonyms:** Alkoxyated fatty alcohol  
**Chemical Family:** nonionic surfactant

## II INGREDIENTS

Alkyl aryl polyoxyethylene glycol and ethoxylated derivatives. 99.80% CAS Not available TLV  
Organo/modified polysiloxane 0.20% CAS No. Not available. TLV N.E.

## III PHYSICAL PROPERTIES (ND=Not determined,NA Not applicable)

**Boiling Point:** above 212 °F. **Specific Gravity:** 1.02  
**Vapor Pressure:** ND **Percent Volatile:** ND  
**Vapor Density:** (air=1)< 1 **Evaporation Rate:** ND  
**Reactivity in Water:** Nil **Solubility In Water:** Soluble  
**Appearance/Odor:** hazy, honey-colored liquid / mild soap like odor

## IV FIRE AND EXPLOSION DATA

**Flash Point:** Above 200°F (setaflash) **Flammable Limits:** Lel; ND Uel; ND

**NFPA Rating:** 1 - 1 - 0

**Extinguishing Media:** Alcohol foam, CO<sub>2</sub>, dry chemical, water fog

**Special Fire Fighting Procedures:** Use water spray to cool fire exposed containers. If a leak or spill has not ignited, use water spray to cool area and disperse vapors. If leak or spill has ignited avoid spreading burning liquid with water spray. Fight fire upwind and wear self contained breathing apparatus.

**Unusual Fire & Explosion Hazards:** Firefighters should wear self-contained breathing apparatus to avoid exposure to smoke and vapor.

## V FIRST AID

**First Aid for EYE Exposure:** Flush eyes for 15 minutes with plenty of water, lifting upper and lower lids occasionally while flushing. 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:** Not an expected route of exposure. Remove to fresh air. Contact a physician.

**First Aid if SWALLOWED:** Induce vomiting at once and get immediate medical attention. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

**SYMPTOMS of OVEREXPOSURE:** Irritating to eyes; possible permanent injury. May cause skin irritation. Swallowing causes drunkenness, rapidly passing into coma and associated with serious or fatal kidney injury.

## VI REACTIVITY

**Stability:** Stable at ambient temperatures and pressures. Avoid excessive heat.

**Materials to Avoid:** Strong oxidizing and reducing agents.

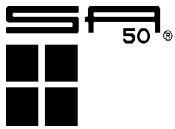
**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide and smoke.

**Hazardous polymerization:** will not occur.

## VII SPILL OR LEAK PROTECTION

**Steps To Be Taken If Spilled:** Eliminate ignition sources. Ventilate area. Avoid breathing vapor or recovery dust. Evacuate spill area. Floor may be slippery, use care to avoid falling. Wear protective clothing as indicated in section VIII. Dike and absorb spill with inert absorbent material. Shovel into a suitable waste container. Wash impervious surfaces with water.

**Waste Disposal:** Material that can not be used according to label instructions should be disposed of in accordance with local, State, and Federal regulations.



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## VIII SPECIAL PROTECTION

**Respiratory:** Type/Conditions: Where spray mist exposure would occur wear a NIOSH approved respirator with pesticide cartridge.

**Note:** When used in mixtures with pesticides body absorption of the pesticide may be increased. Follow all safety precautions on pesticide label.

**Ventilation:** Handle with good ventilation.

**Gloves:** Yes. **Type of Gloves:** Impervious.

**Eye Protection:** Yes. Goggles or Safety glasses.

**Other Protective Equipment:** Freshly laundered, body covering work clothing.

Do not wear contaminated clothing. Eye wash facility should be available.

## IX SPECIAL PRECAUTIONS

**Handling Precautions:** Avoid personal contact. Avoid breathing vapors and/or spray mist. Avoid container damage. Do not put leaking or damaged containers in storage.

**Storing Precautions:** Store in safe, cool, well ventilated area away from ignition sources. Avoid areas of extreme heat. KEEP OUT OF REACH OF CHILDREN.

**Other Precautions:** Do not contaminate waters by cleaning equipment or disposal of waste.

## X SHIPPING AND REGULATORY INFORMATION

DOT: Classification - cleaning compound NOI

OTHER DOT INFORMATION: NONE

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.

Last Revised: 10/94