

SURFACTANT FOR HERBICIDES MATERIAL SAFETY DATA SHEET

Manufacturer's Name & Address
Southern Agricultural Insecticides, Inc.
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I NOMENCLATURE

Product Name:	Surfactant for Herbicides
Chemical Name:	Mixture of surfactants Chemical Formula, Not available.
Synonyms:	Not available
Chemical Family:	nonionic surfactant

II INGREDIENTS

	CAS#	OSHA PEL
Principal functioning agents 80%	Not available	Not hazarrdous

III PHYSICAL PROPERTIES

Boiling Point: above: not available.	Specific Gravity: 1.02
Vapor Pressure: less than 1	Percent Volatile: ND
Vapor Density: (air=1) not available	Evaporation Rate: Not determined
Reactivity in Water: Nil	Solubility In Water: Soluble @ 25°C
Appearance/Odor: Hazy light yellow liquid	Odor: bland

IV FIRE AND EXPLOSION DATA

Flash Point: Above 200oF (setaflash) Flammable Limits: Lel; ND Uel; ND
Extinguishing Media: Dry chemical, water spray or water fog, CO₂, foam, sand/earth.
Special fire fighting procedures Fight fire from upwind position. Firemen should wear full protective clothing and self contained breathing apparatus .
Decomposition products under fire conditions. CO₂ and CO.

V HEALTH HAZARD DATA

Routes of exposure:

Inhalation of vapor or mist could cause headache, nausea, irritation of nose throat and lungs.

Eye contact; Causes moderate irritation.

Skin; Moderately irritating to skin..

This product does not contain any known carcinogen at a level of 0.1%, however it may contain a trace amount s of ethylene oxide CAS# 75-21-8 and propylene oxide CAS# 75-56-9. The use of this product as directed should not cause the OSHA 0.5 ppm action level to be exceeded. Ethylene oxide is listed as a potential carcinogen by OSHA< NTP, and IARC. Propylene oxide is listed as a potential carcinogen by NTP.

VI FIRST AID

INHALATION: Move subject to fresh air. If discomfit continues get medical assistance.

EYE CONTACT: 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 if irritation continues.

SKIN CONTACT: Remove contaminated clothing. Wash skin with large amount of water for 15 minutess.. Get medical attention if irritation develops or persists.

INGESTION: If swallowed: If patient is conscious and can swallow, give 2 glasses of water to drink. Do not induce vomiting. If vomiting occurs, give fluids again. Get immediate medical assistance. Do not give anything by mouth to an unconscious or convulsing person..

VII REACTIVITY

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

Materials to Avoid: Strong oxidizing agents.

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

VIII SPILL OR LEAK PROTECTION

Wear appropriate protective clothing and equipment during clean up. Keep persons not involved in clean up away from spill. Absorb spilled material. Avoid use of water until most of the spill has been absorbed on absorbent material. Slippery conditions will be worsened by the addition of water. Transfer liquids and absorbed material to containers for recovery or disposal.. Keep spills and cleaning runoff out of municipal sewers and water sources. Recovered material that can not be used by label directions should be disposed of in accord with local, state and federal regulations.

IX EXPOSURE CONTROLS

Avoid personal contact: This material is intended for use as a pesticide adjuvant. All precautions recommended for the use of the pesticide, used in combination with this product, should be followed. The wetting and adhesive properties of this product may enhance the inherent personal dangers of the pesticide used.

Recommended personal protection for the use of this product are Clean body covering work clothing, impervious gloves, and safety glasses with side shields. Exposure to this product, by itself, should not require need for a respirator, however when exposure to spray mists occur, the respiratory protection recommended with the combined pesticide should be followed. If no such recommendation use an air purifying MSHA/NIOSH respirator with a pesticide cartridge and dust/mist filters.

X 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.

XI TRANSPORTATION

US DOT Hazard Class	Non-Regulated	
Freight classification	Spreaders/Stickers liquid	NMFC 4612

XI REGULATORY INFORMATION

This product is considered non-hazardous under OSHA Hazard Communication standard (29CFR 1910-1200)

Sara title III: Section 311/312 not covered by Title III of SARA.

Sara title III: section 313 This product does not contain a chemical listed in section 313 at or above de minimis concentration.

CERCLA: This product contains no hazardous or extremely hazardous as defined by CERCLA or SARA III.

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: Whitco MSS Product code 15477422 12/90 received 3/98