

MATERIAL SAFETY DATA SHEET

(MSDS)

SECTION I: IDENTITY

Product Name: Bug Man's Liquid Surface Cleaner
 Agricultural Services, Inc.
 P.O. Box 1270
 Nash, TX 75569
 Contact Person: Richard Norton
 Phone Number: (903) 832-4790

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	OSHA PEL	ACGIH TLV	CAS#	Carcinogen Reference	Hazard	SARA TITLE III SFC 313	% or Range
Nonyldhenol Polyethylene Glycol Ether	ND	ND	127087	#8	Irritant	Yes2-10	
Trade Secret	ND	ND	111-78-2	#8	Combustible	Yes	0-20
Glycol Ether	25 ppm	25 ppm	NA	#8	Irritant	No	0-15

SECTION III: PHYSICAL/CHEMICAL PROPERTIES

Boiling Point: 212 degrees F % Volatile, by volume: 100
 Vapor Pressure: N/A Solubility in Water: Complete
 Vapor Density: N/A Evaporation Rate (Butyl Acetate+1): 1.0
 Specific Gravity: 1.08 (H2O+1) Ph: 11.5-12.0
 Appearance & Odor: Light green liquid with ethereal odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point: None Usual Fire & Explosion Hazards: None
 Extinguishing Media: Non Combustible Flammable Limits: LEL: N/AUEL: N/A
 Special Fire Fighting Procedures: None

SECTION V: REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will not occur
 Incompatibility (Materials to avoid): None
 Hazardous Decomposition of Byproducts: None

SECTION VI: HEALTH HAZARD DATA

SYMPTIONS
 Skin: Can be irritant upon contact
 Eyes: Irritating upon contact
 Inhalation: Slight effect, if any
 Ingestion: Irritating to throat & stomach

FIRST AID
 Wash from skin with soap and plenty of water
 Flush immediately with plenty of water for at least 15 min.
 Move to fresh air
 Give large amounts of water. DO NOT induce vomiting. Seek immediate medical attention.

TLV: Recommended 2mg/m³
 Primary Route of entry: Eyes, Skin.
 Medical Conditions Aggravated by Overexposure: Existing Dermatitis.

HAZARD RATING

Health 3
 Flammability 0
 Reactivity 1

SCALE

0 = Least 3 = High
 1 = Slight 4 = Extreme
 2 = Moderate

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled.

Small Spills: Neutralize with lime stone or soda ash. Flush to drain.

Large Spills: Dike spill; neutralize with lime stone or soda ash; absorb on sawdust; contact local authorities before disposing.

Waste Disposal Method: Utilize licensed waste disposal company.

Precautions to be taken in handling and storing: Store in cool area.

Other precautions: Keep this and all chemicals out of reach of children.

SECTION VIII: CONTROL MEASURES

Respiratory Protection (Specify Type): None Required

Ventilation: None Special

Protective Gloves: Recommended

Eye Protection: Recommended

Other Protective Clothing or Equipment: As needed to avoid contact with skin

Work/Hygienic Practices: Discard contaminated clothing.

SECTION IX: REGULATORY INFORMATION & REFERENCES**CERCLA/RCRA REPORTING REQUIREMENTS**

CERCLA REPORTING REQUIRED OVER 500 POUNDS, RCRA NUMBER U 134

Biodegradability: N/A

Regulatory Standards: DOT Title 49, Code of Federal Regulations 172.101

Superfund Amendment Reauthorization Act of 1986, Title III

Toxic Substance Control Act List (TSCA): Ingredients Listed

Permissible Exposure References: Registry of Toxic Effects of Chemical Substances

National Toxicology Program (NTP) Report on Carcinogens

International Agency for Research on Cancer (IARC) Monographs

Occupational Safety & Health Regulations

The information contained is based on data available to us and is believed to be correct. However, we make no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury from the use of the product described herein.