

Material Safety Data Sheet	Product Identity
	 H.O.G.h

Section I

Manufacturer's Name Western Applied Technologies, Inc. (dba HealthySoil)	Emergency Telephone Number 1-800-414-3111
Address PO Drawer T 425 Alta St, Bldg 16 Gonzales, CA 93926	Telephone Number for Information 1-831-675-3144

Section II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH	Other Limits	%
Potassium Hydroxide	N/est.	2mg/m ³	N/A	--
Phenolic Hydrocarbons: fulvic/humic acids	N/A	N/A	N/A	--

Section III - Physical/Chemical Characteristics

Boiling Point	100° C	Specific Gravity (H2O = 1)	1.048
Vapor Pressure (mm Hg)	570	Melting Point	N/A
Vapor Density (AIR = 1)	N/D	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Soluble -- pH = 9.6		
Appearance	Dark Brown Liquid - Ammonia odor		

Section IV - Fire and Explosion Hazard Data

Flash Point	N/A - aqueous solution.	LEL	UEL
Flammable Limits	N/A	N/A	N/A
Extinguishing Media	Water Fog, Foam, Dry Chemical, CO2		
Special Fire Fighting Procedures	None.		

Section V - Reactivity Data

Stability	Stable
Incompatibility	Neutralization reaction will occur if exposed to acidic materials.
Hazardous Decomposition Byproducts	At extreme temperatures, CO an oxidation product may be evolved.
Hazardous Polymerization	Will not occur

Section VI - Health Hazard Data

Routes of Entry	If in mist form / Possible local irritation / Slight hazard
Health Hazards	No LD50 (oral, dermal or inhalation) have been determined.
Carcinogenicity	Materials in this product are not considered carcinogens or teratogens.
Signs and Symptoms of Exposure	Possible skin reddening if not washed off affected area, possible stomach disorders if taken orally, lung congestion if breathed.
Medical Conditions Generally Aggravated	None known
Emergency and First Aid Procedures	Eyes - flush with water for 15 minutes. Skin - wash with soap and water. Inhaled - remove to fresh air. Oral - get medical care

Section VII - Precautions for Safe Handling and Use

Small spills should be picked up with paper towels or a mop. Large spills should be wet vacuumed or siphoned into suitable containers for disposal or reclamation.	
Waste Disposal	Check applicable local rules.
Precautions for Handling and Storage	Persons handling product should use proper protective equipment and handle with care. Containers should be stored in a cool dry area to minimize product expansion and possible leakage.
Other Precautions	None considered necessary.

Section VIII - Control Measures

Respiratory Protection	Not considered necessary.
Ventilation	Natural ventilation is usually adequate.
Protective Gloves	Rubber or plastic.
Eye Protection	Chemical goggles.
Other Protective Clothing or Equipment	Eye bath, shower, oxygen mask should be available.
Work Hygienic Practices	Wash hands and clothing after handling product.