



# Material Safety Data Sheet U.S. Department of Labor

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration  
(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

Manufacturer's Name GOC® Technologies	Emergency Telephone Number (812) 334 2413
Address : 4901 N. Mt. Gilead Rd., Bloomington, IN 47408 USA	Telephone Number for Information (812) 334 2413
<b>QuikSoil® 2900</b>	Date Prepared : Jan, 2011
Specifically for use as an additive to biosolids for odor control	Signature of Preparer

## Section I – Physical/Chemical Characteristics

Boiling Point	100 C 212 F	Specific Gravity (H <sub>2</sub> O = 1)	1.123 gr/ml
Vapor Pressure (mm Hg.)	15.7	pH	3.1 ± 0.5
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	0.88
Solubility in Water 100%			
Appearance and Odor dark chocolate brown liquid: organic smell, acetic acid odor			

## Section II - Hazard Ingredients/Identity Information

Hazardous Ingredients	None	Eco-toxic ingredients	None
Alcohols	None	Carcinogens	None
Nonylphenol Ethoxylates	None	Benzaldehydes	None
This product contains no ingredients listed as toxic or hazardous under 313 40 CFR 327 SARA; 40 CFR 117.302 CERCLA, or TSCA (Toxic Substances Control Act).			
Basic formulation consists of amino acids, glacial acetic acid, humic acid, calcium, magnesium, iron sulfate, ripose, saponin, and sarsaponin. All other ingredients are proprietary.			

### Section III - Fire and Explosion Hazard Data

Special Fire-fighting Procedures : NONE No LEL and UEL Limits have been established by OSHA or NIOSH.	Unusual Fire and Explosion Hazards : NONE Extinguishing Media: NA (Vaporization occurs prior to flashing)
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### Section IV - Reactivity and Health Hazard Data

Route(s) of Entry:	Inhalation? yes	Skin? No	Ingestion? Yes
Health Hazards ( <i>Acute and Chronic</i> ) : NONE			
Signs and Symptoms of Exposure : Inhalation of the concentrate at close range may cause eye, nose, and throat irritation. Do not inhale concentrate from close range. Prolonged skin contact may cause dryness. Direct contact may irritate eyes. Ingestion of liquid may cause gastric disruption and indigestion.			
Medical Conditions Generally Aggravated by Exposure : Sensitive Skin			
Carcinogenicity: NONE	NTP? NONE	IARC Monographs? NO	OSHA Regulated? NO
Emergency and First Aid Procedures :			
Eyes : Flush thoroughly with fresh water; get medical attention if irritation persists.			
Skin : Flush with fresh water; remove any contaminated clothing.			
Ingestion : Give milk or water; induce vomiting; get medical attention if indigestion is severe or if amount ingested exceeds 100 milliliters.			

### Section V- Precautions for Safe Handling and Use

If Material is Released or Spilled : Flush small amounts to drain. Collect large amounts and return to container.
Waste Disposal Method: Use until amount in container is minimal. Empty container to drain. Then triple rinse container with water.
Precautions in Handling and Storage: Do not freeze. If product freezes, contact manufacturer for corrective instructions.
Discharge to waterways: 2900 does not increase BOD and is not expected to have any adverse impact on water quality or water flora and fauna.

### Section VI- Control Measures

Eye Protection : Safety glasses when handling concentrate.		
Protective Gloves : None required, recommended when handling concentrate..		
Respiratory Protection : Recommended when handling concentrate.		
Other Protective Clothing : None required.		
Ventilation	Local Exhaust : Normal air dilution	Special Ventilation: None required

## Section VII– Shipping and Transport

DOT Special Requirements : None
UPS, or Postal Safe : Yes
UN Number : Not regulated or included as mineral and protein supplement
Hazard Class: Non-hazardous; Flammability 0, Toxicity 0, Body Contact 1, Reactivity 0

## Section VIII– Classification Ratings

Flammability	0
Toxicity	0
Body Contact	1
Reactivity	0

## Section IX– Recommended Usage

QuikSoil® 2900 is specifically designed for use as an additive to biosolids for the control of odors.
QuikSoil® 2900 should be diluted with water as to facilitate distribution. No specific dilution rate is essential. Water functions only as a carrier and distribution agent.
QuikSoil® 2900 concentrate should be applied at no less than 3 ounces per wet ton of biosolids and no greater than 9 ounces per wet ton of biosolids.
No other usage is recommended or implied.