



SAFETY DATA SHEET

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QuikSoil® 2800 Concentrate

Issued 02-06-2017

Latest modification 05-07-2019

1. Product and Company identification

QuikSoil® 2800

Supplier:

GOC Technologies, 3910 W. Roll Avenue, Bloomington, IN 47403 USA

Phone: 1 812 334 2413 E-Mail: info@gocotech.com

2. Composition / Information on ingredients

- * Chemical characterisation.
The formula contains:

Amino hydroxy groups, trace minerals including phosphorous, magnesium, iron, and others, saponigens (from yucca), adenine, guanine, uracil, thymine, and cytosine nucleotides, and less than 1% cineole. Other ingredients are proprietary.

- * Hazardous components:

<u>CAS-No.</u>	<u>Name</u>	<u>max.%</u>	<u>risk symbol</u>	<u>R risk sentences</u>
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This product contains no ingredients designated as "of concern", hazardous, or toxic on any Governmental list in the USA, Canada, the European Union, Australia, or New Zealand.

3. Possible risks

- * Special risks to man and environment: None.

When handling concentrate

May irritate eyes.

May irritate skin

May cause gastric irritation if swallowed.

4. First aid

- * General recommendation N/A in normal operation.
- * In case of inhalation N/A
- * After contact with skin Wash with fresh water, remove contaminated clothing.
- * After contact with eyes Flush open eyes thoroughly with fresh water. Get medical attention if irritation persists.
- * If swallowed Drink plenty milk or water. Induce vomiting. Seek medical attention.
- * Information for physician Mineral ingestion may cause gastric irritation.

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5. Measures in case of fire

- * Suitable fire extinguishing agents: Water spray jet, carbon dioxide, dry chemical, foam depending on the environment.
- * Extinguishing agents not suitable for safety reasons: N/A.
- * Special risks caused by the substance or its preparation, combustion or released gases: None
- * Substances that may be released during a fire: oxides
- * Special protection equipment: Use the protection equipment that is usual for fires.
- * Additional information: None.

6. Measures on unexpected release

- * Personal safety measures: Normal ventilation.
- * Measures to protect the environment: None required.
- * Cleaning measures: Flush small amounts to drain. Collect and return large amounts to container.
- * Additional information: None.

7. Handling and storage

Handling the product.

- * Information on safe use of the product: Ensure proper ventilation/extraction at the storage space and workplace.
- * Information on protection against fire and explosion: Not flammable.

Storage.

- * Requirements for storage spaces and containers: Use containers of polyethylene (PE).
- * Rules for storage together with other substances: None.
- * Further information on storage conditions: Keep containers cool and properly sealed. Prevent freezing. Observe the prevailing legal and administrative regulations for storage.
- * Storage class: N/A.

8. Exposure controls and personal protection equipment

- * Additional information on engineering measures: No additional information, also refer to section 7.
- * Components with values relating to the workplace: N/A.
Personal protection equipment.
- * Respiratory protection: N/A.
- * Hand protection: Gloves of PVC or rubber.
- * Eye protection: Safety glasses.
- * Body protection: None. Concentrate may stain clothing.
- * General measures for safety and hygiene: Do not smoke, eat or drink when working with the product.

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9. Physical and chemical properties

State	Liquid
Color	Dark brown
Odor	Mild detergent and organic odor
pH value	at 20 °C 4.0 ± 0.5

Change of state

Boiling point	100 °C
Flash point	N/A
Ignition temperature	N/A
Explosion risk	Not explosive
Explosion limits	Upper limit: N/A Lower limit: N/A
Density	at 20 °C 1.16 ± 0.005 g/cm ³
Solubility in/miscibility with water	100 %

10. Stability and reactivity

* Conditions to avoid	Freezing
* Substances to avoid	Strong oxidizers such as chlorides and peroxides
* Dangerous decomposition products	None.
* Additional information	None.

11. Toxicological information

* Acute toxicity	None.
* Primary irritation	May irritate eyes. Contact with liquid concentrate may cause skin irritation. Ingestion may cause gastric irritation.
* Influence on sensitivity	No known influences.
* Further toxicological information	None.

12. Information on environmental aspects

- * Information on elimination (persistence and degradability):
The product is non-hazardous and non-toxic, completely water soluble, and completely bio-degradable.
- * Behaviour in the environment: Does not increase BOD or COD in waterways.
- * Aquatic poisoning risk: None.
- * Further information on environmental aspects: Does not create hazardous or toxic bi-products.

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13. Disposal information

- * Waste disposal / product disposal: Non-hazardous, non-toxic.
- * Uncleaned containers:
Recommendation: Empty the containers completely, wash with water and make available for re-use.
- * Recommended cleaning agent: Water.

14. Information on transport

- * Overland transport ADR/RID:

ADR/RID class	
Numeral/letter	
Warning sign	
Risk no.	
Substance no.	
Product description	Non-hazardous fluid
- * Transport by sea IMDG/GGVSee:

IMDG/GGVSee class	
UN number	
Packaging group	
EmS number	
MFAG	
Marine pollutant	No
Correct technical reference	Non-hazardous fluid
Remarks	None
- * Air transport ICAO-TI and ATA:

ICAO-TI/IATA class	
Subsidiary risk	
UN/ID number	
Packaging group	
Correct technical reference	Non-hazardous fluid
Remarks	None
- * Further information None

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15. Regulations

*	National regulations:	
	Remark on labor restrictions	None.
	Emergency regulation (OSHA)	None
	Additional information	None.

16. Further information

The information contained herein is correct to the best of our knowledge at the date of publication and no liability can be accepted for any loss, injury or damage resulting from its use. It is intended as a guide for the safe handling, storage and use under normal conditions, but it does not necessarily refer to the particular requirement of the customer when further advice should be obtained.