

## RhizoSolutions 1002 - Surfactant/Emulsifier

Version 2.0

Revision Date 1/11/2019

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**SECTION 1. IDENTIFICATION**

**Product identifier:** RhizoSolutions 1002

**Relevant identified uses of the substance:** Surfactant, Emulsifier

**Identification of the company** Rhizolutions LLC  
124 Lakeside Dr.  
Gray, GA 32012 USA

Information on the substance:  
+1-609-841-2078

**Emergency Tel. No.** +1-609-841-2078

**SECTION 2. HAZARDS IDENTIFICATION**

**Hazard Classification:** Skin Irritant, Category 2  
Eye Irritant, Category 2A  
Acute Toxicology, oral, Category 5

**Signal Word:** "WARNING"

**Hazard Statement:** H303 – May be harmful if swallowed  
H315 – Causes skin irritation  
H319 – Causes serious eye irritation

**Precautionary Statement: (PREVENTION)**

P264 – Wash thoroughly after handling  
P270 – Do not eat, drink or smoke when using this product  
P280 – Wear protective gloves

**(RESPONSE)**

P301+P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 – Rinse mouth.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for 20 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 – If eye irritation persists: Get medical advice/attention.

P362+P364 – Take off contaminated clothing.

**(STORAGE)**

P402 – Store in a cool dry space

**(DISPOSAL)**

P501 – Dispose of content/container in accordance with local regulation.

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GHS Hazard Pictograms:

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name: POLYALKYLENE GLYCOL

CAS Number: 9003-11-6

Components:

**SECTION 4: FIRST AID MEASURES****Routes of Exposure and Symptoms:****Ingestion:** Overexposure may cause gastrointestinal irritation, diarrhea and vomiting.**Eyes:** Overexposure causes excessive watering, redness, stinging.**Skin:** Overexposure may cause itching and redness similar to a rash.**First Aid Response:****Ingestion:** Contact physician or poison control center. If victim is conscious and able to swallow, give water to dilute. Do not give sodium bicarbonate, vinegar, or fruit juices. Never give anything by mouth if victim is unconscious or having convulsions. Induce vomiting only on advice of a physician. Vomiting may occur spontaneously.**Eye contact:** In case of contact with eyes, flush immediately with copious amounts of water. Continue flushing for at least 15 minutes. Seek medical attention!!!**Skin contact:** In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops or persists. Wash contaminated clothing before re-use.**SECTION 5: FIREFIGHTING MEASURES**

Flash Point, F: &gt;200 F

NFPA Labeling:

**Auto Ignition Temperature:** N/A**Extinguishing media:** Water spray, Foam, Dry Chemical, Carbon Dioxide (CO2).**Special Procedures:** Wear self-contained breathing apparatus when fighting a fire.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Spill & Clean-up:** Contain material by diking the area around the spill. If the product is in a solid form, shovel directly into recovery drums. If the product is a liquid, it should be picked up using suitable absorbent material, then shoveled into recovery drums.

**SECTION 7: HANDLING AND STORAGE**

**Min/Max Storage Temperatures:** No special requirements.

**Handling Precautions:** No special requirements.

**Incompatible or Segregation:** If this material is being stored around hazardous material ensure that each chemical is compatible with each other by following the segregation practices put in place by local, state, and federal regulating offices.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Respiratory protection:** The use of NIOSH approved respiratory protection may be needed if working in a poorly ventilated area.

**Ventilation:** Ensure adequate ventilation, especially in confined areas.

**Protective Gloves:** This chemical requires the use of a chemical resistant glove that meets ANSI/SEA Standards and is necessary when handling the chemical.

**Eye protection:** Safety glasses with side-shields

**Work/Hygiene Practices:** Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

**Other Equipment:** Eye wash and safety shower in work area.

**SECTION 9: CHEMICAL AND PHYSICAL PROPERTIES****Information on basic physical and chemical properties:**

Physical state:	Liquid
Color:	Water white
Odor:	Bland
Odor Threshold:	Not Determined
pH:	6-7
Melting point (decomposition):	No data available
Boiling point:	No data available
Flash point:	>200 F
Evaporation rate:	No data available
Flammability (solid, gas) :	Not applicable
Upper explosion limit:	No data available
Lower explosion limit:	No data available
Vapor pressure:	No data available

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Relative vapor density:	No data available
Relative density:	No data available
Density:	1.03 g/cm <sup>3</sup>
Bulk Density:	No data available
Solubility(ies)	
Water solubility	Soluble
% Activity:	99 %
Partition coefficient: n- Octanol/water	This property not applicable for mixtures
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity	
Viscosity, dynamic:	No data available
Viscosity, kinematic:	No data available

**SECTION 10: STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable
<b>Incompatibility</b>	Avoid contact with strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

This product has not been tested. Information provided here has been derived from substances/products of similar structure or composition.

<b>Acute oral toxicity (LD50) (mg/kg bodyweight):</b>	Acute toxicity, oral, Category 5
<b>Dermal toxicity (LD50) (mg/kg bodyweight):</b>	No applicable information available
<b>Skin:</b>	Skin irritant, Category 2
<b>Eye:</b>	Eye irritant, Category 2A
<b>Vapors (mg/l):</b>	No applicable information is available
<b>Gases (ppmV):</b>	No applicable information is available
<b>Dusts &amp; Mists (mg/l)</b>	No applicable information is available
<b>Carcinogenicity:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as carcinogen by OSHA

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicological information:</b>	Not determined
<b>Bioaccumulation:</b>	Not determined

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**Other information:****SECTION 13: DISPOSAL CONSIDERATIONS****Waste Disposal:** Consult local, state, and federal regulations before disposing of this material.**Spill:** If material is released into the environment, the user should determine whether the spill should be reported to the appropriate local state, and federal agencies.**Advice on disposal:** Chemical additions, processing, or otherwise altering this material may make waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. Please be advised that local requirements for disposal may be more restrictive or otherwise different from federal laws and regulations. Consult local regulations regarding proper disposal of this material.**Contaminated containers:** Rinse with appropriate solvent. Dispose of contents/container in accordance with local regulations.**SECTION 14: TRANSPORT INFORMATION****US DOT:** Not Regulated**IATA:** Not Regulated**IMO/IMDG** Not Regulated**Marine Pollutant:** No**SECTION 15: REGULATORY INFORMATION****U.S. Federal Regulation:****TSCA Registered:** Yes**TSCA (a) SNUR:** No**SARA Title III Section 313:** This product does not contain material regulated under SARA Title III Section 313**R&D Exemption:** Unknown**Other:****Europe EU Requirement:****Europe Requirements:** Unknown**International Regulations:****European EU Classification:** Yes**Australian (AICS) Listing:** Yes**Japanese (MITI) Listing:** Yes**Canadian (DSL) Listing:** Yes**Philippines (PICCS):** Unknown**SECTION 16: OTHER INFORMATION****Date of Issue:** January 11, 2019**HMIS Labeling:** 1 - Health  
1 - Flammability  
0 - Reactivity  
B - Protective Equipment

The information in this SDS, to our knowledge, is accurate at the data of publication. This information is intended as a guide for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a guarantee or indication of quality. The information relates only to the specific material and may not be valid in combination with other products or used in any process, unless specified in the text.