

RhizoSolutions 1043 - Surfactant/Emulsifier

Version 2.0

Revision Date 1/31/2019

Page 1

SECTION 1. IDENTIFICATION**Product identifier:** RhizoSolutions 1043**Relevant identified uses of the substance:** Surfactant, Emulsifier**Identification of the company** Rhizolutions LLC
124 Lakeside Dr.
Gray, GA 32012 USAInformation 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.

RhizoSolutions 1043 - Surfactant/Emulsifier

Version 2.0

Revision Date 1/31/2019

Page 2

GHS Hazard Pictograms:

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

Chemical Name: Polyalkylene glycols
CAS Number: 9003-11-6
Components: 75-95 WT%

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: >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.

RhizoSolutions 1043 - Surfactant/Emulsifier

Version 2.0

Revision Date 1/31/2019

Page 3

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:	Slightly milky, cloudy
Odor:	Characteristic
Odor Threshold:	Not Determined
pH:	5-7.5
Melting point (decomposition):	No data available
Boiling point:	No data available
Flash point:	>149F
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

RhizoSolutions 1043 - Surfactant/Emulsifier

Version 2.0

Revision Date 1/31/2019

Page 4

Relative vapor density:	No data available
Relative density:	No data available
Density:	1.03 g/cm ³
Bulk Density:	No data available
Solubility(ies)	
Water solubility	Soluble
% Activity:	98 % Max
Partition coefficient: n- Octanol/water	No data available
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

Stability:	Stable
Incompatibility	Avoid contact with strong oxidizing agents.
Hazardous decomposition products:	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.

Acute oral toxicity (LD50) (mg/kg bodyweight):	Acute toxicity, oral, Category 5
Dermal toxicity (LD50) (mg/kg bodyweight):	No applicable information available
Skin:	Skin irritant, Category 2
Eye:	Eye irritant, Category 2A
Vapors (mg/l):	No applicable information is available
Gases (ppmV):	No applicable information is available
Dusts & Mists (mg/l)	No applicable information is available
Carcinogenicity:	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

Ecotoxicological information:	Not determined
Bioaccumulation:	Not determined

RhizoSolutions 1043 - Surfactant/Emulsifier

Version 2.0

Revision Date 1/31/2019

Page 5

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:**

International Regulations:

- European EU Classification:** Yes
- Australian (AICS) Listing:** Yes
- Japanese (MITI) Listing:** Yes
- Canadian (DSL) Listing:** Yes
- Philippines (PICCS):** Unknown

Europe EU Requirement:

- Europe Requirements:** Unknown

SECTION 16: OTHER INFORMATION**Date of Issue:** January 31, 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.