

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Name: RXMicro

1.2. Intended Use of the Product

For bioremediation applications.

1.3. Manufacturer

RXSoil Inc.

201 Main Street Suite 1360

Fort Worth, TX 76102

www.rxmicro.com

1.4. Emergency Telephone Number : 817-894-3615

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Mixture (GHS-US)

Acute toxicity- Oral, Category 4

Acute toxicity- Inhalation, Category 4

2.2. Label Elements (GHS-US)

Hazard Pictogram



Signal Word

Hazard Statements

Precautionary Statements

Warning

May be harmful if inhaled. May be harmful if swallowed.

Wear protective gloves, protective clothing, and eye protection.

Avoid breathing mist or spray.

Do not eat, drink, or smoke when using this product.

2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	%	GHS-US classification
Water	7732-18-5	≥ 96	Not classified
**	**	0.11%	Acute Toxicity- inhalation, Category 3 STOT SE (resp), Category 3; Acute toxicity- Oral, Category 3
Proprietary cultures	none	≤ 1	Not classified

This product contains other ingredients that are present below the reporting threshold as defined in 29 CFR 1910.1200 (OSHA).

**The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret in accordance with Paragraph 1910.1200 of Title 29 of the Code of Federal Regulations.

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if allergic response is inhibited.

Skin Contact: Wash with plenty of soap and water.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Ingestion: Do not induce vomiting. Rinse mouth. Call a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in section 11.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable / Unsuitable: Use extinguishing media appropriate for surrounding fire.

5.2. Special Hazards Arising from the Substance or Mixture

Incomplete combustion may form carbon monoxide. Fire may produce irritating and/or toxic gases.

5.3. Advice for Firefighters

Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Avoid all contact with skin, eyes, or clothing. Avoid breathing the vapor, mist, or spray. Use appropriate personal protection equipment (PPE).

6.2. Environmental Precautions

Prevent entry of product into sewers and public waters. Avoid release into the environment.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into public waters.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Avoid contact with skin, eyes and clothing. Avoid breathing the vapor, mist, or spray. Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Products: Strong acids, strong bases, strong oxidizers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

No Occupational Exposure Limits (OELs) have been established for this substances in this mixture.

8.2. Exposure Controls

Engineering Controls Adequate ventilation systems as needed to control concentrations of airborne contaminants below the applicable threshold limits

Personal Protective Equipment

Hand Protection Wear chemically resistant protective gloves.

Eye Protection Chemical safety goggles.

Skin and Body Protection Wear suitable protective clothing.

Respiratory Protection If exposure limits are exceeded, approved respiratory protection should be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Liquid
Appearance	Brown to brown-black
Odor	No data available
Odor Threshold	No data available
pH	7.0 - 8.5
Evaporation Rate	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor Pressure	No data available
Relative Vapor Density at 20 °C	No data available
Relative Density	8.35 -8.37 lbs / gallon at 22°C
Solubility	No data available
Partition Coefficient: N-Octanol/Water	No data available
Viscosity	No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Not reactive

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

10.5. Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Corrosive vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

- Acute Toxicity:** Not classified
- Skin Corrosion/Irritation:** Not classified
- Serious Eye Damage/Irritation:** Causes serious eye damage.
- Respiratory or Skin Sensitization:** May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Germ Cell Mutagenicity:** Not classified
- Carcinogenicity:** Not classified
- Reproductive Toxicity:** Not classified
- Specific Target Organ Toxicity (Single Exposure):** Not classified
- Specific Target Organ Toxicity (Repeated Exposure):** Not classified
- Aspiration Hazard:** Not classified

Potential Health Effects

- Inhalation:** May cause respiratory irritation.
- Skin Contact:** May cause skin irritation.
- Eye Contact:** May cause eye irritation. Symptoms include: redness, swelling, itching, burning and blurred vision.
- Ingestion:** Likely to make you feel unwell. May be harmful.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity** Material data lacking
- 12.2. Persistence and Degradability** Material data lacking
- 12.3. Bioaccumulative Potential** Material data lacking
- 12.4. Mobility in Soil** Material data lacking
- 12.5. Results of PBT and vPvB** No PBT and vPvB assessment has been conducted
- 12.6. Other Adverse Effects** No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

- Product waste:** Do not dispose directly into water ways. Product is to be diluted prior to disposal. Dilute 1 part product and 9 parts water or more, then dispose of in sewer.
- Packaging waste:** Rinse container. Container is safe for disposal in trash or recycling. Check the local recycling rules to see if the material is accepted into the recycle program.

SECTION 14: TRANSPORT INFORMATION

- 14.1. In Accordance with DOT** Not regulated for transport
- 14.2. In Accordance with IMDG** Not regulated for transport
- 14.3. In Accordance with IATA** Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard

TSCA : All components of this product are listed, exempted, or excluded from listing on the U.S. Toxic Substances Control Act chemical substance inventory.

15.2 US State Regulations : none (California Prop. 65)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Created: November 15, 2018

Other Information: This document has been prepared in accordance with the SDS requirement made of the OSHA Hazard Communication Standard 29 CFR 1910.1200. According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.