

# Material Safety Data Sheet

**Material Name:** Xtreme Gardening Kryptomite

**Date:** 7/9/13

## \*\*\* Section 1 – Chemical Product and Company Identification

**Chemical Name:** botanical surfactant

**Product Use:** Mite and Mildew control

**Synonyms:** n/a

**Manufacturer Information:**

Reforestation Technologies International

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5355 Monterey Frontage Rd

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Gilroy, CA 95020-8033

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## \*\*\* Section 2 - Hazard(s) Identification \*\*\*

**Eye Contact:** may cause irritation

**Skin Contact:** may cause irritation

**Potential effects of exposure:** hazardous in case of skin contact (irritant), eye contact (irritant), ingestion, inhalation.

**For Health Emergencies, call your Local Poison Control Center**

## \*\*\* Section 3 – Composition/Information on Ingredients \*\*\*

CAS#	Component
7732-18-5	Water
24634-61-5	Potassium Sorbate
50-81-7	Ascorbic Acid
298-14-6	Potassium Bicarbonate
1393-03-9	Quillaja Saponaria
144-55-8	Sodium Bicarbonate
143-07-7	Lauric Acid

## \*\*\* Section 4 – First Aid Measures \*\*\*

**Eyes:** Immediately flush eyes with plenty of water for several minutes, lifting lower and upper eyelids occasionally. Seek medical attention if irritation persists.

**Skin:** Remove contaminated clothing including shoes and wash affected skin with soap and water. Seek medical attention if irritation develops and persists. Wash contaminated clothing and shoes before reuse.

**Ingestion:** Do NOT induce vomiting. Seek medical attention if ill effects occur.

**Inhalation:** Remove from further exposure. Seek medical attention if ill effects occur.

**Notes to Physician:** Provide general supportive measures and treat symptomatically.

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## \*\*\* Section 5 – Fire-Fighting Measures \*\*\*

**General Fire Hazards** – not available

**Hazardous Combustion Products:** not available

**Extinguishing Media:** Small fire – Use DRY chemical powder. Large fire – Use water spray, fog or foam.

**Fire Fighting Equipment/Instructions:** Wear full protective clothing and self-contained breathing apparatus. Use agents appropriate to surrounding materials to extinguish fire.

## \*\*\* Section 6 – Accidental Release Measures \*\*\*

**Containment Procedures:** none available

**Clean-Up Procedures:** Small spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**Evacuation Procedures:** none available

**Special Procedures:** none

## \*\*\* Section 7 – Handling and Storage \*\*\*

**Handling Procedures:** Keep away from heat. Empty containers do not pose a fire risk. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

**Storage Procedures:** Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

## \*\*\* Section 8 – Exposure Controls/Personal Protection \*\*\*

**Exposure Guidelines:** Provide exhaust ventilation or other engineering controls to keep airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protective Equipment:** Splash goggles, lab coat, gloves

**Eyes/Face:** Splash goggles

**Skin:** boots, gloves

**Respiratory:** vapor respirator

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## \*\*\* Section 9 – Physical and Chemical Properties \*\*\*

**Appearance:** Liquid

**Color:** Light yellow

**Physical State:** stable

**Vapor Pressure:** not available

**Boiling Point:** not available

**Solubility (H<sub>2</sub>O):** soluble in water, methanol.

**Odor:** characteristic. None

**pH:** 5.8 to 6.3

**Vapor Density:** not available

**Melting Point:** not available

**Specific Gravity:** 1 (Water = 1)

## \*\*\* Section 10 – Stability and Reactivity \*\*\*

**Chemical Stability:** stable

**Conditions to Avoid:** not available

**Incompatibility:** not available

**Hazardous Decomposition:** not available

**Hazardous Polymerization:** no

## \*\*\* Section 11 – Toxicological Information \*\*\*

**Acute and Chronic Toxicity:** Toxicity to animals: Acute oral toxicity (LD50): 5000 mg/kg [Rat].

Toxic effects on Humans: Hazardous in case of skin contact (irritant), of ingestion, of inhalation.

**Carcinogenicity:** not available

## \*\*\* Section 12 – Ecological Information \*\*\*

**Ecotoxicity:** not available

**Aquatic Toxicity:** not available

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are more toxic.

## \*\*\* Section 13 – Disposal Considerations \*\*\*

**Disposal Instructions:** Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Dispose of container and unused contents in accordance with federal, state and local requirements.

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## \*\*\* Section 14 – Transport Information \*\*\*

**US DOT Information** – Not regulated by D.O.T

**Shipping Name:** n/a

**Additional Information:** n/a

**International Transportation Regulations** – n/a

## \*\*\* Section 15 – Regulatory Information \*\*\*

**US Federal Regulations** – TSCA 8(b) inventory: Ascorbic Acid

**State Regulations** - TSCA 8(b) inventory: Ascorbic Acid

**Other Regulations** – Not available

**Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS.

**DSCL (EEC):** R36/38-irritating to eyes and skin.

## \*\*\* Section 16 – Other Information \*\*\*

**Flash point (Test Method):** not available

**Autoignition Temperature:** not available

**Flammable limits (% by volume):** Lower: 0 Upper: 0

**Hazard Rating:** Health: 1 Fire: 0 Reactivity: 0 Specific: 1

**Hazard scale:** 0 = minimal, 1 = slight, 2 = moderate, 3 = serious, 4 = severe

### Notice from: REFORESTATION TECHNOLOGIES INTERNATIONAL Concerning This Material Safety Data Sheet

The information contained herein is offered only as a guide to the handling of these specific materials.

Since such information does not relate to use of the material with any other material or in any process, any person using this information must determine for himself its suitability for any particular application. The buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product label.

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