



# MATERIAL SAFETY DATA SHEET

## ESRT - Riotte

### I. PRODUCT IDENTIFICATION

**Product Identifier:** ESRT - Riotte  
**Application:** Natural Skin Cleanser  
**IHC:** 3402.20.51.00  
**Class:** 60 NON-HAZ  
**Manufacturer:** Earth Smart Solutions  
**Address:** 120 – 60 Industry Way S.E., Calgary, AB., CA. T3S 0A2  
**Toll Free:** 1-866-444-7174  
**Fax:** 403-264-9606  
**Email:** info@earth-smart-solutions.com

### II. HAZARDOUS INGREDIENTS

**Hazardous Components:** None – GRAS (Generally recognized as safe)

### III. PHYSICAL / CHEMICAL DATA

**Physical state:** Liquid  
**Odor and appearance:** Dark brown  
**Specific gravity (20 deg. C):** 7.6  
**pH:** 4.78  
**Evaporation rate (Water = 1):** 10  
**% Volatile by volume:** 7.1  
**Solubility in water:** 99.9%  
**Boiling point:** 89 deg. C  
**Freezing point:** 1deg. C

### IV. FIRE & EXPLOSION DATA

**Flammable or combustible:** Not flammable or combustible  
**Flash point (deg. C):** None  
**Upper flammable limit:** N/A  
**Lower flammable limit:** N/A  
**Auto ignition temperature:** N/A  
**Flammability classification:** N/A  
**Conditions of flammability:** N/A  
**Special fire fighting procedures:** N/A  
**Hazardous combustion products:** N/A  
**Sensitivity to mechanical impact:** N/A  
**Sensitive to static discharge:** Not sensitive

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### V. REACTIVITY DATA

|                                   |                |
|-----------------------------------|----------------|
| Is the product stable?            | Yes – stable   |
| Conditions of reactivity:         | None known     |
| Incompatible substances:          | None known     |
| Hazardous decomposition products: | None           |
| Hazardous Polymerization:         | Does not occur |

### VI. TOXICOLOGICAL PROPERTIES

|                             |                              |
|-----------------------------|------------------------------|
| Primary routes of exposure: | Eye contact and Ingestion    |
| Sensitizer:                 | Not known to be a sensitizer |
| Carcinogen:                 | No – IARC, NTP, OSHA         |
| Mutagen:                    | Not known to be a mutagen    |

### VII. HEALTH HAZARDS

|                      |  |
|----------------------|--|
| <u>Eye Contact:</u>  | May cause irritation                   |
| <u>First Aid:</u>    | Flush with water                       |
| <u>Skin Contact:</u> | None                                   |
| <u>First Aid:</u>    |  |
| <u>Ingestion:</u>    | May cause nausea                       |
| <u>First Aid:</u>    | Dilute with water, contact a physician |

### VIII. PREVENTION MEASURES

|                               |   |
|-------------------------------|---|
| Gloves:                       | No special requirements   |
| Respirator:                   | No special requirements   |
| Eye protection:               | No special requirements   |
| Footwear:                     | No special requirements   |
| Clothing:                     | No special requirements   |
| Other:                        | No special requirements   |
| Engineering controls:         | No special requirements   |
| Leak & Spill procedures:      | Flush away with water   |
| Waste Disposal:               | Flush to sewer  |
| Storage:                      | Store in a cool location away from direct sunlight, do not freeze |
| Special shipping information: | None required   |

### IX. SAFETY

ESRT is produced in accordance with NOSB (National Organic Standards Board) guidelines. The materials used in the production process are derived from naturally occurring and sustainable sources and are consistent with organic principals



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and the National List of Allowed Substances. ESRT does NOT contain synthetic chemicals, animal components, animal by-products, manure or manure by-products. ESRT is environmentally safe, is not harmful to animals, plants and humans.

### X. COMPLIANCE

Fully complies with EPA Toxic Substance Control Act (TSCA) and the rules, orders and regulations promulgated there under including:

- a) Sections 4, 5, 6 & 7; Title 40 Chapter 1, 707.20 thru 707.75;
- b) 40 CFR Sections 704.3, 710.2(e) and 720.3(c); and
- c) Sections 5 and 13, reference 42FR64583
- d) Does not contain marine pollutants as defined in 49 CFR 171.8

### XI. PREPARATION DATA

**Information sources:** Suppliers MSDS, DSL, TSCA, EPA, IARC, NTP, OSHA.  
**Prepared by:** MSDS Coordinator  
**Preparation date:** January 15, 2013

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