

**SECTION 1: IDENTIFICATION OF MATERIAL AND MANUFACTURER****1.1 Identification of material**

Name: Sitality L

**1.2 Main uses of the material**

Agricultural, turf, and ornamental fertilizer

**1.3 Identification of producer**

Company: RainSoil

Address: 6960 W. Warm Springs Rd., Ste. 110, Las Vegas, NV 89113

Phone: (702) 986-5167

**1.4 Emergency telephone**

24 Hour Emergency Number – CHEMTREC (USA) – 1-800-424-9300

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Corrosive for skin, category 1A

Specific target organ toxicity after single exposure, category 3, STOT SE 3

**2.2 Label Elements**

Pictogram:



**Single Word:** Danger

**Hazard Statements:**

**H302:** Harmful if swallowed

**H314:** Causes severe skin burns and eye damage

**H335:** May cause respiratory irritation

**Precautionary Statements:**

**P102:** Keep out of reach of children

**P260:** Do not breathe mist, vapors or spray

**P270:** Do not eat, drink or smoke with using this product

**P280:** Wear protective gloves/clothing/eye protection/face protection

**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do – continue rinsing.

**P303+P361+P353:** IF ON SKIN (or hair): Immediately take off all contaminated clothing.

Rinse skin with water or shower.

**P310:** Immediately call a POISON CENTER

**P501:** Dispose of contents/container in accordance with local/national regulations

**SECTION 3: COMPOSITION**

**3.1 Active ingredients:** Amino acids, peptides and silicon

**3.2 Dangerous components:**

Chemical Name	Identification (CAS #)	Classification n 1272/2008	Concentration % w/w
Sodium metasilicate pentahydrate	6834-92-0	Corr. Cut/Skin Corr. 1B; H214 – STOT SE 3	10-40

**3.3 EINECS number:** –

**3.4 Molecular weight:** –

**3.5 Description:** Water solution of amino acids and peptides from natural sources and inorganic salts for agriculture purposes.

**3.6 Systematic name:** –

**3.7 Dangerous impurities:** No evidence

**SECTION 4: FIRST AID**

**4.1 After inhalation:** Remove to fresh air immediately. If necessary, give oxygen. If symptoms persist, seek medical attention.

**4.2 After skin contact:** Wash affected areas with soap and water. If irritation persists, seek medical attention

**4.3 After eye contact:** Flush eyes with plenty of lukewarm water for 15-20 minutes. Seek medical attention

**4.4 After ingestion:** If ingestion does occur, seek medical attention immediately. Do not induce vomiting unless directed by medical personnel.

**4.5 After scar contact:** Wash affected areas with soap and water. If irritation persists, seek medical attention

**SECTION 5: MEASURES AGAINST FIRE**

**5.1 Protection against fire and explosion:** No special requirement

**5.2 Extinction methods:** Use foam, dry chemical, carbon dioxide, water spray, or any other method

**5.3 Excluded extinction methods:** None

**SECTION 6: MEASURES IN CASE OF SPILLS OR LEAKS**

**6.1 Personal precautions, protective equipment and emergency procedures:**

For control exposure and individual protection measures see section 8

**a. Environmental precautions:**

Avoid drain contamination as well as surface or groundwater contamination

**b. Methods and materials for containment and clean up:**

Keep in suitable, closed containers for disposal

**c. Reference to other section**

For disposal see section 13

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling:** For personal protection see section 8

**7.2 Conditions for safe storage:** Store in the original container in a cool, dry and well ventilated area

**7.3 Specific Uses:** Agricultural, turf, and ornamental fertilizer

**SECTION 8: EXPOSURE CONTROL, PERSONAL PROTECTION**

**8.1 Threshold limit values:** Not available

**8.2 Exposure control:** Do not eat, drink or smoke when using this product  
Wear protective gloves/clothing/eye protection/face protection

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 General information**

**A. Physical state:**

	<b>Solid</b>	<b>Liquid</b>	<b>Gaseous Form</b>
<b>At 20 °C</b>		X	
<b>At 100 °C</b>			X

**B. Color:** Yellowish Brown

**C. Odor:** Characteristic

**Important information related to Health, Safety and Environment**

- A. pH at 50 g/l H<sub>2</sub>O (20 °C):** 12.2-13.2
- B. Boiling point:** Near 100 °C
- C. Flash point:** Non-flammable
- D. Flammability (solid, gas):** Non-flammable
- E. Explosive properties:** Non-explosive
- F. Steam pressure:** Not available
- G. Density (20 °C):** 1.27 g/ml
- H. Package density:** Not available
- I. Solubility in water (20 °C):** Very soluble
- J. Viscosity:** Not available
- K. Melting point:** Not available
- L. Conductivity:** Not available

**SECTION 10: STABILITY AND REACTIVITY**

Stable under normal conditions

- 10.1 **Conditions to be avoided:** None
- 10.2 **Material to be avoided:** None
- 10.3 **Dangerous decomposition:** None

**SECTION 11: TOXICOLOGICAL INFORMATION**

- 11.1 **Acute toxicity:** Not available
- 11.2 **Chronic toxicity:** Not available
- 11.3 **Irritation:**
- |                                |           |
|--------------------------------|-----------|
| <b>Draize eye test:</b>        | Irritant  |
| <b>Primary skin irritancy:</b> | Corrosive |
- 11.4 **Sensitiveness:** Not available
- 11.5 **Mutagenesis:** Not available
- 11.6 **Carcinogenesis:** Not available
- 11.7 **Reproduction toxicity:** Not available

**SECTION 12: ECOLOGICAL INFORMATION**

No information available

**SECTION 13: WASTE DISPOSAL CONSIDERATIONS**

- 13.1 **Product:** Dispose of product in accordance with local/national regulations. Do not allow waste disposal through drains or watercourses
- 13.2 **Packaging:** Dispose of as unused product

**SECTION 14: TRANSPORT INFORMATION**

- 14.1 **Land transport ADR**
- Class: 8
  - Packing Group: III
  - Hazard Identification: 80
  - UN Number UN: 3266
  - Technical Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S
- 14.2 **Maritime Transport IMDG**
- Class: 8
  - Packing Group: III
  - UN Number: 3266
  - Technical Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S
- 14.3 **Air Transport ICAO/IATA**
- Class: 8
  - Packing Group: III
  - UN Number: 3266
  - Technical Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S

**SECTION 15: REGULATORY INFORMATION****No data available****SECTION 16: OTHER INFORMATION****No data available**

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