

Macro-Sorb Agriculture

Safety Data Sheet



MACRO-SORB® RZT

Date Prepared: March 2015

1. IDENTIFICATION OF MATERIAL AND MANUFACTURER

1.1. Identification of material

1.1.1 Name: MACRO-SORB RZT

1.2. Main uses of the material

Agricultural, turf, and ornamental fertilizer

1.3. Identification of producer

1.3.1 Company: Weldons Chemical LLC

1.3.2 Address: 25 Roland Avenue, Mount Laurel, NJ, 08054

1.3.3 Phone: (856) 266-9440, Mon – Fri, 0800 – 1630 EST

1.4. Emergency telephone

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

2. HAZARDS IDENTIFICATION

2.1. Classification of substance or mixture

Corrosive to metals

H290: May be corrosive to metals

2.2. Label Elements

Pictogram: None

Signal Word: None

Hazard Statements:

H290: May be corrosive to metals

Precautionary Statements:

P102: Keep out of reach of children

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

P234: Keep only in original container

P390: Absorb spillage to prevent material damage

P406: Store in corrosive resistant/... container with a resistant inner liner.

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

3. COMPOSITION

3.1. Active ingredients: Nitrogen, phosphorous and organic matter

3.2. Dangerous components:

Chemical Name	Identification (CAS #)	Concentration % w/w
Phosphoric acid 75%	7664-38-2	5 - 10%
Sodium hydroxide 30%	1310-73-2	<10%

3.3. CAS number: -

3.4. EINECS number: -

3.5. Molecular weight: -

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

3.7. Systematic name: -

3.8. Dangerous impurities: No evidence

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. If irritation persists, 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

5. MEASURES AGAINST FIRE

5.1. Protection against fire and explosion: No special requirement

5.2. Extinction methods: Water or any other

5.3. Excluded extinction methods: None

6. MEASURES IN CASE OF SPILLS OR LEAKS

6.1. Personal precautions, protective equipment and emergency procedures:

For control exposure and individual 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 sections: For disposal see Section 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling: For personal protection see Section 8

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

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

8. EXPOSURE CONTROL, PERSONAL PROTECTION

8.1. Threshold limit values: Not available

8.2. Exposure control: The following clothing is recommended for use while handling the product: Use of gloves and goggles or face screen; PVC or rubber gloves. When using do not eat or drink.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. General information

A Physical state:

	Solid	Liquid	Gaseous Form
At 20 °C		X	
At 100 °C			X

B Color: Dark Brown

C Odor: Characteristic

Important information related to Health, Safety and Environment

A	pH at 50 g/l H ₂ O (20 °C):	4.0 – 4.5
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):	1.22 – 1.28 g/ml
H	Package density:	Not available
I	Solubility in water (20 °C):	Very soluble
J	Viscosity:	Not available
K	Melting point:	Near 0° C
L	Conductivity:	Not available

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

11. TOXICOLOGICAL INFORMATION

No information available

12. ECOLOGICAL INFORMATION

12.1. Eco toxicity: Not dangerous for the environment

12.2. Mobility: Not available

12.3. Persistence and degradability: Not available

12.4. Bioaccumulation potential: This product is biodegradable

12.5. Other harmful effects: Not available

13. WASTE DISPOSAL CONSIDERATIONS

13.1. Product: Not dangerous, Dispose of contents in accordance with local/national regulations.

13.2. Packaging: Dispose of container in accordance with local/national regulations.

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14. TRANSPORT INFORMATION

Not Regulated

15. REGULATORY INFORMATION

No data available

16. OTHER INFORMATION

This version (March 2015) supersedes version March 2010.

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