

| Section 1: Identification  |  |
|----------------------------|--|
| Product Name:              | EOS® BOOST™  |
| Chemical Description:      | Powder   |
| Manufacturer:              | EOS Remediation<br>1101 Nowell Road<br>Raleigh, NC 27607<br>(P): 919-873-2204              |
| Recommended Use:           | Groundwater bioremediation (environmental applications)                                    |
| Restricted Use:            | Not for human consumption.   |
| 24-Hour Emergency Contact: | ChemTel: United States<br>(P): 800-255-3924<br>ChemTel: International<br>(P): 813-248-0585 |

| Section 2: Hazard(s) Identification |   |
|-------------------------------------|---|
| Hazard Classification:              | None  |
| Signal Word:                        | None  |
| Hazard Statement(s):                | None  |
| Pictograms:                         | None  |
| Precautionary Statement(s):         | Not for human consumption. Avoid contact with eyes and skin. Wear protective gloves and eye protection. Ingestion of large quantities may cause gastric disturbances. |

| Section 3: Composition/Information on Ingredients |          |             |
|---|----------|-------------|
| Common Name(s)                                    | CAS NO.  | % by Weight |
| Ascorbic Acid (Vitamin C)                         | 50-81-7  | 66.6%       |
| Sodium Bicarbonate                                | 144-55-8 | 33.3%       |
| Cyanocobalamin (Vitamin B12)                      | 68-19-9  | <0.1%       |

| Section 4: First-Aid Measures |   |
|-------------------------------|---|
| Routes of Exposure            | Emergency First-Aid Procedures  |
| Inhalation                    | Remove to fresh air.  |
| Eye Contact                   | Flush with water for 15 minutes; if irritation persists see a physician.            |
| Skin Contact                  | Wash with mild soap and water.  |
| Ingestion                     | Product is non-toxic. If nausea occurs, induce vomiting and seek medical attention. |

**Section 5: Fire-Fighting Measures**

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Extinguishing Media:              | CO <sub>2</sub> , foam, dry chemical |
| Special Fire Fighting Procedures: | None                                 |
| Fire Hazard(s):                   | None                                 |

**Section 6: Accidental Release Measures**

|   |   |
|---|---|
| Personal Precautions:                     | Avoid contact with eyes and skin. Do not consume.   |
| Emergency Procedures:                     | N/A   |
| Methods & Materials used for Containment: | Compatible granular absorbent   |
| Cleanup Procedures:                       | Spread compatible granular absorbent over spill area and sweep using broom and pan; dispose in appropriate receptacle. Clean area with water. |

**Section 7: Handling and Storage**

|                          |  |
|--------------------------|--|
| Safe Handling & Storage: | Keep container tightly closed in a dry and well-ventilated place. Protect from sunlight. Recommended storage temperature is 2-8 °C.  |
| Other Precautions:       | Consumption of food and beverages should be prevented in work area where product is being used. After handling product, always wash hands and face thoroughly with soap and water before eating, drinking, or smoking. |

**Section 8: Exposure Controls/Personal Protection**

|                                     |   |  |
|-------------------------------------|---|--|
| <b>Exposure Limits</b>              |   |  |
| OSHA PEL:                           | NE  |  |
| ACGIH TLV:                          | NE  |  |
| NIOSH REL:                          | NE  |  |
| <b>Personal Protective Measures</b> |   |  |
| Respiratory Protection:             | Not normally required.  |  |
| Hand Protection:                    | Protective gloves are recommended                                       |  |
| Eye Protection:                     | Recommended   |  |
| Engineering Measures:               | Local exhaust ventilation   |  |
| Hygiene Measures:                   | Wash promptly with soap & water if skin becomes irritated from contact. |  |
| Other Protection:                   | Wear appropriate clothing to prevent skin contact.                      |  |

| Section 9: Physical and Chemical Properties |                   |                            |          |
|---|-------------------|----------------------------|----------|
| Appearance:                                 | White-pink powder | Explosive Limits:          | N/A      |
| Odor:                                       | None              | Vapor Pressure:            | 24 mm Hg |
| Odor Threshold:                             | N/A               | Vapor Density:             | NE       |
| pH:   | Neutral           | Relative Density:          | NE       |
| Melting Point/Freezing Point:               | 32°F (0°C)        | Solubility:                | Soluble  |
| Boiling Point:                              | 212°F (100°C)     | Partition coefficient:     | NE       |
| Flash Point:                                | NE                | Auto-ignition Temperature: | NE       |
| Evaporation Rate:                           | NE                | Decomposition Temperature: | NE       |
| Flammability (solid, gas):                  | NE                | Viscosity:                 | NE       |

| Section 10: Stability and Reactivity |  |
|--------------------------------------|--|
| Stability:                           | Stable. Decomposes on exposure to light. |
| Incompatibility:                     | Water reactive materials                 |
| Hazardous Decomposition Products:    | None known                               |
| Hazardous Reactions/Polymerization:  | Will not occur                           |
| Conditions to Avoid:                 | None known                               |

| Section 11: Toxicological Information |   |
|---------------------------------------|---|
| Likely Routes of Exposure:            | Ingestion, dermal and eye contact   |
| Signs and Symptoms of Exposure:       | None known  |
| Health Hazards                        |   |
| Acute:                                | Potential eye and skin irritant. Ingestion in large amounts may cause gastric disturbances. |
| Chronic:                              | None known  |
| Carcinogenicity                       |   |
| NTP:                                  | No  |
| IARC:                                 | No  |
| OSHA:                                 | No  |

| Section 12: Ecological Information (non-mandatory)   |
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| There is no data on the ecotoxicity of this product. |

| Section 13: Disposal Considerations (non-mandatory) |   |
|---|---|
| Waste Disposal Methods:                             | Dispose of according to Federal and local regulations for non-hazardous waste. Recycle, if practical. |

**Section 14: Transport Information (non-mandatory)**

The product is not covered by international regulation on the transport of dangerous goods.

No transport warning required.

**Section 15: Regulatory Information (non-mandatory)**

N/A

**Section 16: Other Information**

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| Date of Preparation: | 25 July 2017 |
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| Last Modified Date: | 25 July 2017 |
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