

Section 1: Identification	
Product Name:	<b>EAS</b>
Chemical Description:	Mixture; clear liquid
Manufacturer:	EOS Asia Remediation Co., Ltd. 1F., No. 20, Anlin 3rd St., Yanchao, Kaohsiung, Taiwan 824 (P): +886-7-616-9827 www.eos-asia.com
Recommended Use:	Groundwater Bioremediation (environmental applications)
Restricted Use:	Not for human consumption
24-Hour Emergency Contact:	EOS Asia Remediation Co., Ltd.: Taiwan (P): +886-7-616-9827 ChemTel: International (P): 813-248-0585

Section 2: Hazard(s) Identification	
Hazard Classification:	Irritant (skin and eye)
Signal Word:	Warning
Hazard Statement(s):	Potential eye and skin irritant
Pictograms:	
Precautionary Statement(s):	Avoid contact with eyes and skin. Wear protective gloves and eye protection.

Section 3: Composition/Information on Ingredients		
Common Name(s)	CAS NO.	% by Weight
Sulfate Salt Trade Secret <sup>1</sup>	Proprietary	35 - 37
Nutrients Trade Secret <sup>1</sup>	Proprietary	Specific proportion
Water	7732-18-5	Balance

1 – The precise composition of this product is proprietary information. A more complete disclosure will be provided to a physician in the event of a medical emergency.

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.
Dermal	Wash with mild soap and water.
Ingestion	Seek medical advice.

**Section 5: Fire-Fighting Measures**

Extinguishing Media:	Compatible with all extinguishing media.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and chemical resistant clothing. Use water spray to cool fire exposed containers.
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:	Do not store near water reactive materials.
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****Exposure Limits**

OSHA PEL:	NE	NE
ACGIH TLV:	NE	NE
NIOSH REL:	NE	NE

**Personal Protective Measures**

Respiratory Protection:	Not normally required. N95 respirator if aerosols might be generated.
Hand Protection:	Protective gloves are recommended
Eye Protection:	Recommended
Engineering Measures:	Local exhaust ventilation if aerosols are generated
Hygiene Measures:	Wash promptly with soap & water following skin contact
Other Protection:	Wear appropriate clothing to prevent skin contact

NE – Not Established

Section 9: Physical and Chemical Properties			
Appearance:	Transparent liquid	Explosive Limits:	NE
Odor:	None	Vapor Pressure:	NE
Odor Threshold:	NE	Vapor Density:	1.37
pH:	NE	Relative Density:	1.25
Melting Point/Freezing Point:	Liquid at room temperature	Solubility:	Miscible
Boiling Point:	NE	Partition coefficient:	NE
Flash Point:	NE: non-combustible	Auto-ignition Temperature:	NE
Evaporation Rate:	NE	Decomposition Temperature:	NE
Flammability (solid, gas):	NE	Viscosity:	<50 cP

NE – Not Established

N/A – Not Applicable

Section 10: Stability and Reactivity	
Stability:	Stable
Incompatibility:	Metal hydrides and other water reactive materials.
Hazardous Decomposition Products:	Thermal decomposition may produce magnesium oxide, sulfur dioxide and sulfur trioxide.
Hazardous Reactions/Polymerization:	None known
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 causes nausea, vomiting, gastrointestinal discomfort and diarrhea.
Chronic:	None known
Carcinogenicity:	
NTP:	No
IARC:	No
OSHA:	No

Section 12: Ecological Information (non-mandatory)	
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.
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**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)**

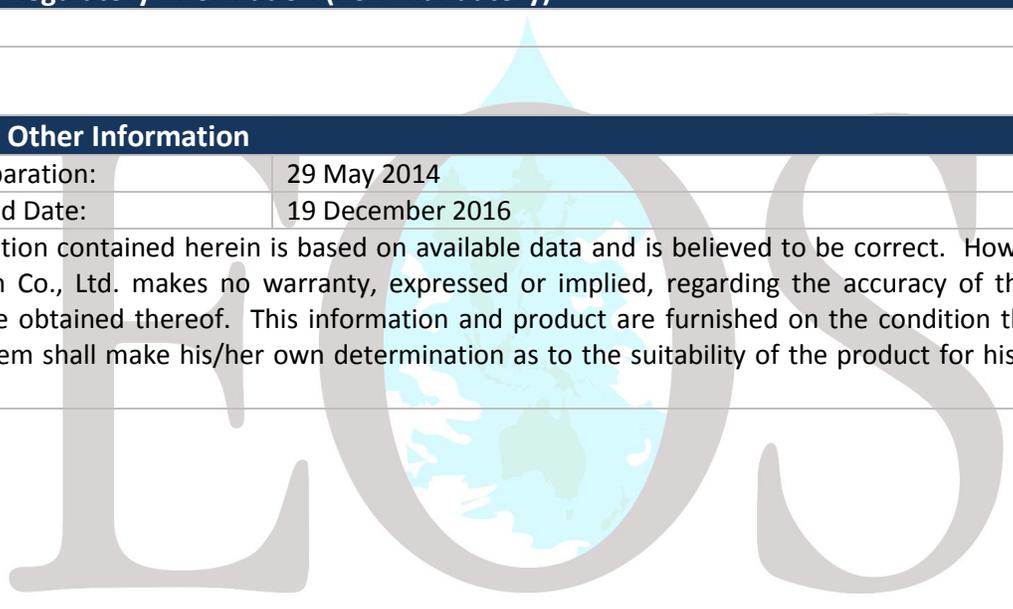
N/A

**Section 16: Other Information**

Date of Preparation:	29 May 2014
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Last Modified Date:	19 December 2016
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The information contained herein is based on available data and is believed to be correct. However, EOS Asia Remediation Co., Ltd. makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained thereof. This information and product are furnished on the condition that the person receiving them shall make his/her own determination as to the suitability of the product for his/her particular purpose.



EOS Asia Remediation