Section 1. Product and Company Identification
Supplier: CovaChem, LLC.
6260 East Riverside Blvd, STE 119
Loves Park, IL 61111
Phone: +1.815.315.1271
Fax: +1.815.315.1272
Emergency Phone #: +1.815.714.8421
Product Number: 13309-100, 13309-1, 13306-custom
Product Name: Sulfo-EGS

Section 2. Composition / Information on Ingredients
OSHA Hazards: Irritant
GHS Classification: Skin Irritant / Eye Irritant
HMIS Classification: Health Hazard 2
Flammability: 0
Physical Hazard: 0
NFPA Rating: Health Hazard 2
Flammability: 0
Physical Hazard: 0
Potential Health Effects:
Inhalation: May be harmful if inhaled. May cause respiratory irritation.
Skin: Causes skin irritation
Eyes: Causes eye irritation
Ingestion: May be harmful if ingested.

Section 3. Hazards Identification
Synonyms: S-EGS; Ethylene glycol bis(sulfosuccinimidylsuccinate); Bis(sulfo-N-succinimidyl) ethylene glycol disuccinate sodium salt
Molecular Weight: 660.45
Formula: C18H18N2Na2O18S2
CAS #: 167410-92-6

Section 4. First Aid Measures
If Inhaled: Move to fresh air. Give artificial respiration if breathing has ceased.
In case of Skin Contact: Wash with soap and water.
In Case of Eye Contact: Flush with plenty of water. Seek medical attention.
If Swallowed: Rinse mouth with water and seek medical attention.

Section 5. Fire-Fighting Measures
Suitable Extinguishing Media: Water, dry chemical, alcohol resistant foam are all suitable.
Protective Equipment: If needed, wear self contained breathing apparatus.
Hazardous Combustion Products: Carbon oxides and Nitrogen oxides may form upon combustion.

Section 6. Accidental Release Measures
Personal Precautions: Avoid breathing dust or vapors.
Environmental precautions: Prevent environmental release.

Section 7. Handling and Storage
Conditions for Safe Storage: Store container in a well ventilated, dry location.
Precautions regarding safe handling: Provide adequate ventilation and standard fire prevention measures.

Section 8. Exposure Controls / Personal Protection
Does not contain any substance with occupational exposure limit values.
Respiratory Protection: Use of a dust respirator is recommended (ie. type N95)
Hand Protection: Handle with nitrile rubber gloves.

Section 9. Physical and Chemical Properties
Form: white to off white solid
Melting Point: unavailable
Boiling Point: unavailable
Flash Point: unavailable
Ignition Temperature: unavailable
Autoignition Temperature: unavailable
Density: unavailable
Water Solubility: soluble
Partition Coeff: n-octanol/water: unavailable

Section 10. Stability and Reactivity
Chemical Stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: unavailable
Conditions to Avoid: Do not expose to moisture
Materials to Avoid: Strong Oxidizers, Acid anhydrides, Acid chlorides, Strong bases
Hazardous decomposition products: Nitrous oxides and carbon oxides.
Section 11. Toxicology
Oral LD50 data unavailable
Inhalation LC50 data unavailable
Dermal LD50 data unavailable
Skin corrosion / irritation data unavailable
Eye Damage or Irritation data unavailable
Skin and Respiratory Sensitization data unavailable
Germ Cell Mutagenicity data unavailable
Carcinogeneity
IARC No component present at greater than 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
ACGIH No component present at greater than 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH.
NTP No component present at greater than 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP.
OSHA No component present at greater than 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA.
Reproductive Toxicity data unavailable
Teratogenicity data unavailable
Aspiration Hazard data unavailable
Potential Health Effects
Inhalation May be harmful if inhaled.
Ingestion May cause harm if swallowed.
Skin May cause harm if absorbed through skin.
Eyes May cause eye irritation.

Section 12. Ecological Information
Toxicology data unavailable
Persistence and degradability data unavailable
Bioaccumulative potential data unavailable
Mobility in soil data unavailable
PBT and vPvB assessment data unavailable
Other Adverse effects data unavailable

Section 13. Disposal Consideration
Disposal Considerations
recycled when possible. Please dispose any unused or used materials in accordance with applicable national, regional and local laws and regulations.

Section 14. Transportation Information
DOT (USA) Not classified as dangerous goods
IMDG Not classified as dangerous goods
IATA Not classified as dangerous goods

Section 15. Regulatory Information
OSHA Hazards Irritant
SARA 302 Components No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302.
SARA 311/312 No SARA Hazards
California Prop. 65 Components This material does not contain any chemicals known to the State of California to cause reproductive harm or birth defects.
Right to Know Components Bis(sulfo-N-succinimidyl) ethylene glycol disuccinate sodium salt

Section 16. Other Information
The information represented in this MSDS is believed to be correct and is based on the current state of our knowledge. This document or any other document does not represent or suggest any type of warantee or guarantee of the product properties or characteristics of this material. CovaChem, LLC and its affiliates shall not be held liable for any damages that result from contact