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
13414-100, 13414-1, 13414-custom
Product Name
Sulfo-SANPAH

Section 2. Composition / Information on Ingredients
OSHA Hazards
Irritant
GHS Classification
Skin Irritant / Eye Irritant
HMIS Classification
Health Hazard 1
Flammability 0
Physical Hazard 0
NFPA Rating
Health Hazard 1
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
Sulfo-SANPAH; N-Sulfosuccinimidyl-6-(4’-azido-2’nitrophenylamino) hexanoate.
Molecular Weight
492.4
Formula
c16H17N6NaO9S
CAS #
102568-43-4

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
Dark orange to red powder
Melting Point
unavailable
Boiling Point
unavailable
Flash Point
unavailable
Ignition Temperature
unavailable
Autoignition Temperature
unavailable
Density
unavailable
Water Solubility
soluble
Partition Coef: 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, sulfur 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

Carcinogenicity
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
Generation of waste should be kept to a minimum when possible. Any waste generated should be 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
Californial 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: This material is not listed.

Section 16. Other Information
Other Information: state of our knowledge. This document or any other document does not represent or suggest any type of warrantee 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 with the above product or handling this product or any others.