

MSDS - Material Safety Data Sheet

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		13415-100, 13415-1, 13415-custom	
Product Name		Sulfo-SMCC	
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		Sulfo-SMCC, 4-(N-Maleimidomethyl)cyclohexane-1-carboxylic acid 3-sulfo-N-hydroxysuccinimide ester sodium salt	
Molecular Weight		436.37	
Formula		C16H17N2NaO9S	
CAS #		92921-24-9	
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, sulfur oxides and carbon oxides.	
Section 11.		Toxicology	
Oral LD50		data unavailable	

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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
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	4-(N-Maleimidomethyl)cyclohexane-1-carboxylic acid 3-sulfo-N-hydroxysuccinimide ester sodium salt
Section 16.	Other Information
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