

# Vis-SC; Scleroglucan

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations ( According to HCS-2012 APPENDIX D TO §1910.1200 )

Issue date: 04/10/2019

Revision date: 04/10/2019

Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Substance  
Substance name : Vis-SC; Scleroglucan; GA; FG  
CAS-No. : 39464-87-4  
Formula : Unspecified  
Synonyms : Sclero gum / SCLEROTIUM GUM / Sclerotium gum

#### 1.2. Recommended use and restrictions on use

Recommended use : Oil drilling, oil extraction; Cosmetics; Feedstuff additives  
Restrictions on use : No information available

#### 1.3. Supplier

Supplier : Sidere Technology, Inc.  
Address : 4690 World Houston Pkwy, Houston TX US  
Postal code : 77032  
E-mail : support@sideretech.com

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

Hazard pictograms (GHS US) : None  
Signal word (GHS US) : None  
Hazard statements (GHS US) : None  
Precautionary statements (GHS US) : None

#### 2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : None under normal conditions.

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Name	Product identifier	%
Scleroglucan	(CAS-No.) 39464-87-4	99

#### 3.2. Mixtures

Not applicable

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Get medical advice/attention if you feel unwell.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Gently wash with plenty of soap and water.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Rinse mouth. Call a poison center or a doctor if you feel unwell. Never give anything by mouth to an unconscious person.

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### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. Sand.

Unsuitable extinguishing media : No information available.

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Keep upwind. Prevent fire fighting water from entering the environment.

Protection during firefighting : Combustible solid. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin, eyes and clothing. Evacuate personnel to a safe area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Avoid dust production. Avoid breathing dust, mist or spray.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Avoid creating or spreading dust.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Handle in accordance with good industrial hygiene and safety procedures. Minimise generation of dust. Ensure good ventilation of the work station. Wear personal protective equipment. Avoid breathing dust, mist or spray. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place. Keep away from heat and direct sunlight.

Incompatible materials : Oxidizing agent.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>Scleroglucan (39464-87-4)</b>
No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

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### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Not necessary under the recommended storage and handling conditions

#### Eye protection:

Safety glasses. No special technical protective measures required. Wear security glasses which protect from splashes

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Not necessary with sufficient ventilation. In case of insufficient ventilation, wear suitable respiratory equipment

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powders
Colour	: Oyster white
Odour	: No data available
Odour threshold	: No data available
pH	: 6.5 – 7.2
pH solution	: 1 % aqueous solution
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Non flammable. Combustible solid
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.68
Solubility	: completely soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: 200 °C
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 600 – 100 mPa·s (1% aqueous solution)
Explosive limits	: Not applicable
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing.

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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### 10.4. Conditions to avoid

Flames or sparks. Heat.

### 10.5. Incompatible materials

Oxidizing agent.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Scleroglucan (39464-87-4)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

### 12.2. Persistence and degradability

Scleroglucan (39464-87-4)	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Incinerate contaminated materials at an authorized installation. Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Refer to manufacturer/supplier for information on recovery/recycling. Disposal must be done according to official regulations.

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### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated

#### Transportation of Dangerous Goods

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

<b>Scleroglucan (39464-87-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

#### 15.2. International regulations

##### CANADA

<b>Scleroglucan (39464-87-4)</b>
Listed on the Canadian DSL (Domestic Substances List)

##### EU-Regulations

<b>Scleroglucan (39464-87-4)</b>
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

##### National regulations

<b>Scleroglucan (39464-87-4)</b>
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

#### 15.3. US State regulations

<b>Scleroglucan (39464-87-4)</b>	
California Proposition 65	
Carcinogens List	No
Developmental Toxicity	No
Reproductive Toxicity - Female	No
Reproductive Toxicity - Male	No

### SECTION 16: Other information

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Revision date : 04/10/2019

Data sources : Loli.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Abbreviations and acronyms:

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	CAS-No.	Chemical Abstract Service number
	ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
	ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
	BCF	Bioconcentration factor
	EC50	Median effective concentration
	EC-No.	European Community number
	IARC	International Agency for Research on Cancer
	IATA	International Air Transport Association
	IMDG	International Maritime Dangerous Goods
	LC50	Median lethal concentration
	LD50	Median lethal dose
	OEL	Occupational Exposure Limit
	RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
	SDS	Safety Data Sheet

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*