


<b>Product name: 6-Monodeoxy-6-monosulfonic acid-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin</b>	<b>Product code: CY-3264</b>	<b>Revised date: 07.04.2025</b>
	<b>Safety Information</b> <b>CYCLOLAB R&amp;D. Ltd., Budapest, Hungary</b>	<b>Version: 1 Page: 1/5</b>

## 1. Identification of the Substance/Preparation and Company

### Name of substance/preparation:

Chemical name: 6-Monodeoxy-6-monosulfonic acid-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin  
Commercial name/abbreviation: **SO2H-SGM**

### Use of substance/preparation:

laboratory reagent

## Information about supplier of the safety data sheet:

Cyclolab R&D. Ltd., Budapest, Hungary  
H-1097 Budapest, IX. Illatos út 7, Hungary  
Tel: (36-1)-347-60-70; e-mail: [cyclolab@cyclolab.hu](mailto:cyclolab@cyclolab.hu)

## 2. Hazards Identification

### Classification and labelling according to EC 1272/2008

H-phrased	-	-
P-phrased	-	-

Not a dangerous substance according to GHS.

### Classification and labelling according to 67/548/EEC, EC 1999/45

R-phrased	-	-
S-phrased	-	-

This substance is not classified as dangerous according to Directive 67/548/EEC.

### Further information:

Risk of dust explosion.

## 3. Composition/Information on ingredients

### Chemical characterization (preparation):

EC-No.	CAS No.	Chemical characteristics
-	-	6-Monodeoxy-6-monosulfonic acid-heptakis(6-deoxy-6-(2-carboxyethyl)thio)-gamma-cyclodextrin

## 4. First-Aid Measures

### General information

In case of accident or if you feel unwell seek medical advice (show label or MSDS where possible). The chemical, physical, and toxicological properties have not been thoroughly investigated.

### If inhaled

Provide fresh air.

### In case of skin contact

Wash off with plenty of water and soap.

### In case of eye contact

Rinse thoroughly with plenty of water.

### If swallowed

Rinse mouth with water. Drink several small portions of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

## 5. Fire Fighting Measures

### Suitable extinguishing media:

Water, extinguishing powder, alcohol-resistant foam, carbon dioxide

### Extinguishing media which must not be used for safety reasons:


n.d.

### Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

At low oxygen level: carbon monoxide

### Special protective equipment for fire fighters:

Use respiratory protection independent of recirculated air.

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## 6. Accidental Release Measures

### Personal precautions:

Avoid dust formation. Do not breathe dust.

### Environmental precautions:

Cover any spilled material in accordance with regulations to prevent dispersal by wind. Observe local/state/federal regulations.

### Methods for cleaning up:

Take up mechanically and dispose of according to local/state/federal regulations. Avoid formation of dust and dust deposition. Dispose of cleansing water in accordance with local/state/federal regulations.

### Further information:

-

## 7. Handling and Storage

### Handling

**Precaution for safe handling:** Avoid dust formation.

**Precautions against fire and explosion:** Observe the general rules for fire prevention. Avoid dust deposit, remove dust regularly. Take precautionary measures against electrostatic charging. Take precautionary measures against dust explosion.

### Storage

**Conditions for storage rooms and vessels:** Observe precautionary measures against dust explosion.

**Advice for storage of incompatible materials:** none known

**Further information for storage:** Keep container tightly closed at room temperature.

## 8. Exposure Control and Personal Protection Equipment

### Exposure limits

n.d.

### Exposure limited and controlled

#### Exposure in the workplace limited and controlled:

**General protection and hygiene measures:** Observe standard industrial hygiene practices for the handling of chemical substances.

#### Personal protection equipment:

*Respiratory protection:* In case of dust formation: fine dust mask without protection rating.

*Hand protection:* rubber gloves

*Eye protection:* tight fitting protective goggles

#### Exposure to the environment limited and controlled:

Prevent material from entering surface waters and soil

### Further information for system design and engineering measures

Observe information in section 7.


## 9. Physical and Chemical Properties

### General information

<b>Physical state/form</b>	solid - powder
<b>Colour</b>	white or slightly yellow
<b>Odour</b>	odourless

### Important information about the protection of health, safety, and the environment

<b>Flash point</b>	187 °C
<b>Ignition temperature</b>	>250 °C
<b>Auto-ignition temperature</b>	n.d.
<b>Oxidizing properties</b>	no
<b>Lower explosion limit (LEL)</b>	n.d.
<b>Upper explosion limit (UEL)</b>	n.d.

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Bulk density	approx.. 400 kg/m <sup>3</sup>
Water solubility / miscibility	soluble, > 50 g/ 100 ml (25°C)
pH- value	n.d.
viscosity (dynamic)	n.a.

### Other information

See Product Information Sheet.

## 10. Stability and Reactivity

### General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

### Conditions to avoid:

none known.

### Materials to avoid:

decomposes in strongly acidic solutions

### Hazardous decomposition products:

none known

## 11. Toxicological Information

### General information:

According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable.

### Toxicological tests:

#### Acute toxicity (LD50/LC50-values relevant to classification):

Exposition	Value	Species	Source
n.d.	n.d.	n.d.	n.d.

#### Skin irritation:

Effect	Species	Source
n.d.	n.d.	n.d.

#### Sensitization:

n.d.

#### Further information:

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#### Substance to chronic toxicity:

n.d.


#### Reference points for mutagenic potential:

Effect	Test system	Source
n.d.	n.d.	n.d.

### Experience with man:

n.d.

### Further toxicological information:

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n.d.

## 12. Ecological Information

### Ecotoxicity

Species	Exp. time	Result	Literature
n.d.	n.d.	n.d.	n.d.

### Mobility

n.d.

### Persistence and degradability

#### Biodegradation / further information:

Result	Test system	Source
n.d.	n.d.	n.d.

### Bio-accumulation potential

n.d.

### Other harmful effects

n.d.

### Additional information

n.d.

## 13. Disposal Considerations

### Material

#### Recommendation:

Observe local/state/federal regulations.

### Uncleaned packaging

#### Recommendation:

Completely discharge containers (no powder rest, scraped carefully). Containers may be recycled or re-used.  
Observe local/state/federal regulations.

## 14. Transport Regulations

### Land transport ADR and RID:

#### Road ADR:

Not regulated for transport.

#### Railway RID:


Not regulated for transport

### Transport by sea IMDG-Code:

#### Sea IMDG-Code:

Not regulated for transport

### Air transport ICAO-TI/IATA-DGR:

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**Air transport ICAO-TI/IATA-DGR:**

Not regulated for transport

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**15. Regulatory Information**

National and local regulations must be observed.

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**16. Other Information**

**Material**

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet (if applicable).

**Further information**

This version supersedes all previous versions.