

Synthalin sulfate: sc-200476



The Power to Question

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name: Synthalin sulfate

Product Number: sc-200476

Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800

Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. Hazard Identification

Classification according to Regulation (EC) No 1272/2008

The substance is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable.

Information concerning particular hazards for human and environment:

Not applicable.

Labeling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements:

Void

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. Composition/ Information on Ingredients

Description: Synthalin sulfate

CAS No.: 111-23-9

Molecular Weight: 354.50

Molecular Formula: C₁₂H₂₈N₆·H₂SO₄

EC number: 206-112-8

4. First Aid Measures

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Remove contaminated clothing.

After eye contact:

Rinse opened eye for several minutes under running water.

After ingestion:

If symptoms persist consult doctor.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting Measures

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture

No further relevant information available.

Protective equipment:

Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases. Wear fully protective suit.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Avoid formation of dust. Wear protective clothing.

Environmental precautions:

No special measures required.

Methods and material for containment and cleaning up:

Pick up mechanically.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and Storage

Precautions for safe handling:

No special precautions required.

Information about fire - and explosion protection:

No special measures required.

Storage:

Store tightly sealed in a cool, dry and well ventilated location (see label for storage temperature and additional specific information). Store at -20 °C.

Information about storage in one common storage facility:

Keep away from heat, sources of ignition and incompatibles such as oxidizing agents.

Further information about storage conditions:

Store under lock and key with access restricted to technical experts or their assistants only.

Specific end use(s)

No further relevant information available.

8. Exposure Controls/ Personal protection

Ingredients with limit values that require monitoring at the workplace:

Not required.

Additional information:

The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Eye protection:

Safety glasses

9. Physical and Chemical Properties

Form:	Solid	Odor:	Characteristic
Odor threshold:	Not determined	pH-value:	Not applicable.
Melting point/Melting range:	233 ° C	Boiling point/Boiling range:	Undetermined
Flash point:	Not applicable.	Flammability (solid, gaseous):	Not flammable
Decomposition temperature:	Not determined	Self-igniting:	Not determined
Danger of explosion:	No explosion hazard	Explosion limits:	Not determined
Vapour pressure:	Not applicable	Density at 20° C:	1,15 g/cm ³
Relative density	Not determined	Vapor density	Not applicable
Evaporation rate	Not applicable	Solubility in Water	Soluble
Viscosity:	Not applicable	Partition coefficient:	Not determined
Other Information	No further relevant information available	(n-octanol/water)	

10. Stability and Reactivity

Chemical stability:

Stable. Avoid strong oxidizing agents.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions:

No dangerous reactions known.

Conditions to avoid:

No further relevant information available.

Incompatible materials:

No further relevant information available.

Hazardous decomposition products:

No dangerous decomposition products known.

11. Toxicological Information

Acute toxicity:

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Sensitization:

No sensitizing effects known.

Additional toxicological information

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. The substance is not subject to classification according to the latest version of the EU lists.

12. Ecological Information

Toxicity

no data available

Bioaccumulative potential

no data available

PBT and vPvB assessment

no data available

Persistence and degradability

no data available

Mobility in soil

no data available

Other adverse effects

no data available

13. Disposal Considerations

Waste treatment methods

Recommendation:

Small quantities can be disposed of with household waste.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport Information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. Regulatory Information

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. Other Information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

03/17/2014