



บริษัท ซีนোসยามไบโอเทคนิคว จำกัด

SINO SIAM BIOTECHNIQUE CO., LTD.

สำนักงาน : 69/5 หมู่ 1 ต.ชองสาริกา อ.พัฒนานิคม จ.ลพบุรี 15220 โทรศัพท์ 036-705052-053, 72 แฟกซ์ 036-705055, 72

Safety Data Sheet for Chondroitin Sulfate Sodium

1. Product and Company Identification

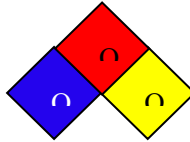
Name of product Chondroitin Sulfate Sodium

Manufacturer Name: SINO SIAM BIOTECHNIQUE CO., LTD.
 Address: 69/5 Moo 1 Chongsarika Sub-district Pattananikom District Lopburi THAILAND
 Post code: 15220
 Telephone: 036-705052-053, 72
 Fax: 036-705055, 72

2. Hazards Summarizing

GHS classification : Not included in hazardous article.

Classification system :
NFPA ratings(scale 0-4)



Health=0
Fire=0
Reactivity=0

HMIS- ratings(scale 0-4)

HEALTH	*0
FIRE	0
REACTIVITY	0

Health=*0
Fire=0
Reactivity=0

Endocrine disruptor : No data available.

3. Composition/information on ingredients

Components: This product is pure chemicals .not hazardous.

Composition content: 100% Chondroitin Sulfate Sodium.

Substance name	CAS No.	EC Number	Chemical formula
Chondroitin Sulphate Sodium	9082-07-9	232-695-3	H ₂ O(C ₁₄ H ₁₉ NNa ₂ O ₁₄ S) _x

The specific concentration limit : No data available.

M-factor : No data available.

Acute toxicity estimate : No data available.



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4. First aid measures

- Eyes contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.
- Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Inhalation** : Assure fresh air breathing. Rest. If you feel unwell, seek medical advice.
- Ingestion** : Rinse mouth. If swallowed, seek medical advice immediately and show this container or label.

5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Water spray. Carbon dioxide. Dry powder.
- Unsuitable extinguishing media** : Do not use a heavy water stream.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Hazardous combustion products** : Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.

6. Accidental release measures

- General precautions** : Remove ignition sources. Evacuate area.
- Personal precautions** : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.
- Clean up methods** : To clean the floor and all objects contaminated by this material. Use: Water/Detergent. Avoid dust production. Ensure adequate ventilation.

7. Handling and storage

- Personal protection** : Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing.
- Handling** : Handle in accordance with good industrial hygiene and safety procedures.
- Storage** : Preserve in airtight containers.
- Storage-away from** : All heat sources, including direct sunlight. Open flame. Sources of ignition. Sparks. Incompatible materials, see § 10








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8.Exposure controls / personal protection

- Personal protection** :
-   
- Respiratory protection** : Wear approved mask.9P1
In case of insufficient ventilation, wear suitable respiratory equipment.
- Hand protection** : Wear suitable gloves resistant to chemical penetration.
- Skin protection** : Wear suitable protective clothing.
- Eye protection** : Chemical goggles or safety glasses.
- Industrial hygiene** : Provide local exhaust or general room ventilation.

9.Physical and chemical properties

- Physical state** : Solid powder
- Colour** : White
- pH (1% solution)** : 5.5-7.5
- Melting point [°C]** : No data available.
- Boiling point [°C]** : No data available.
- Solubility in water** : Complete
- Solubility** : No data available.
- Flash point [°C]** : No data available.
- Log P octanol/water at 20 °C** : No data available.

10. Stability and reactivity

- Chemical Stability** : Stable at room temperature in closed containers under normal storage and handling conditions.
- Conditions to Avoid** : Incompatible materials, excess heat. Exposure to moist air or water.
- Incompatibilities with other Materials** : Strong oxidizing agents.
- Hazardous Decomposition Products** : Carbon monoxide. Carbon dioxide. Sulfur compounds. Nitrogen oxides.
When heated to decomposition, emits dangerous fumes.
- Hazardous reactions** : None under normal conditions.
- Hazardous Polymerization** : Has not been reported.





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11. Toxicological Information

RTECS#	:	GA8430000(Chondroitin sulfuric acid)(see actual entry in RTECS for complete information)
Rat oral LD50 [mg/kg]	:	No data available.
Rabbit dermal LD50 [mg/kg]	:	No data available.
Rat inhalation LC50 [mg/L/4h]	:	No data available.
Acute toxicity	:	May cause irritation to the respiratory tract. May irritate eyes and skin. Nausea. Vomiting. Gastrointestinal disorders. Headache. Dizziness. Nervous system disorders. This material may induce blood disorders and/or aggravate pre-existing blood disorders.
Respiratory or skin sensitisation	:	No data available.
Germ cell mutagenicity	:	No data available.
Carcinogenicity	:	No data available.
Reproductive toxicity	:	No data available.
STOT-single exposure	:	No data available.
STOT-repeated exposure	:	No data available.
Chronic toxicity	:	No data available.
Information on other hazards	:	No endocrine disruptor data available.

12. Ecological information

Ecological effects information	:	No data available.
LC50-96 Hour - fish [mg/L]	:	No data available.
EC50-48 Hour – Daphnia magna [mg/L]	:	No data available.
IC50-72h - Algae [mg/L]	:	No data available.
Toxicity to microorganisms	:	No data available.
Bioaccumulative potential	:	No data available.
Mobility in soil	:	No data available.
Results of PBT and vPvB assessment	:	No data available.
Endocrine disrupting properties	:	No data available.

13. Disposal Considerations

General : Dispose of this material and its container at hazardous or special waste collection point.
Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

General information	:	Not classified
Maritime transport	:	IMDG/IMO not regulated.





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15.Regulatory information

Symbol(s)	:	None
R Phrase(s)	:	None
S Phrase(s)	:	S22: Do not breathe dust. S36/37: Wear suitable protective clothing and gloves. S38:In case of insufficient ventilation, ware suitable respiratory equipment.

16.Other information

Notice to reader

The latest edition is amended according to Directive 2020/878/EC, 1272/2008/EC and Regulation 1907/2006/EC.

The information is based on our current knowledge however it does not represent a guarantee of product properties nor does it create any legal obligation.

SDS Creation Date: Aug. 03, 2023

