

## SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

**1.1 Product identifier****Product code** 370710-IEC**Product name** Anti Chondroitin Sulfate A**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses of the product: Research use only

**1.3 Details of the supplier of the safety data sheet**

SECTION 2: Hazards identification

**GHS classification and label elements of the product****2.1 Classification of the substance or mixture**

Not applicable to GHS classification

**2.2 Label elements**

No Signal word

## PRECAUTIONARY STATEMENT

Prevention

P264 Wash contaminated parts thoroughly after handling.

P280 Use personal protective equipment as required.

Storage

Store below -20°C.

Disposal

P501 Dispose of contents/container in accordance with local/national regulation.

SECTION 3: Composition/information on ingredients

**Substance/Mixture:****3.2 Mixture**

Hazardous Ingredient name	Content(%)	CAS RN <sup>®</sup>	ECNO
Sodium Azide	0.02	26628-22-8	247-852-1

SECTION 4: First aid measures

**4.1 Descriptions of first-aid measures**

IF INHALED

Due to the small packaging the risk of inhalation is minimal.

IF ON SKIN (or hair)

Rinse skin with water/shower.

If skin irritation occurs: Get medical advice/attention.

IF IN EYES

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.

IF SWALLOWED

Rinse mouth.

Call a POISON CENTER or doctor/physician if you feel unwell.

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**UK & Rest of the World**  
184 Park Drive, Milton Park  
Abingdon OX14 4SE, U.K.  
T: +44 (0) 1235 828 200  
F: +44 (0) 1235 820 482**North America**  
1035 Cambridge Street,  
Cambridge, MA 02141.  
T: +1 (617) 945-5033 or  
T: +1 (800) 987-0985  
F: +1 (617) 945-8218**Germany**  
Bockenheimer Landstr. 17/19  
60325 Frankfurt/Main  
T: +49 (0) 69 779099  
F: +49 (0) 69 13376880**Switzerland**  
Via Lisano 3  
(CP.683)  
6900 Massagno  
T: +41 (0) 91 604 55 22  
F: +41 (0) 91 605 17 85

## SECTION 5: Firefighting measures

### **5.1 Extinguishing media**

Suitable extinguishing media

Use appropriate extinguishing media suitable for surrounding facilities.

### **5.2 Advice for firefighters**

Special protective equipment and precautions for fire-fighters

Wear protective gloves/protective clothing/eye protection/face protection.

## SECTION 6: Accidental release measures

### **6.1 Personnel precautions, protective equipment and emergency procedures**

Wear proper protective equipment.

### **6.2 Environmental precautions**

Avoid leakage to environment.

### **6.3 Methods and materials for containment and cleaning up**

Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.

## SECTION 7: Handling and storage

### **7.1 Precautions for safe handling**

Safety treatments

Avoid contact with skin.

Safety Measures/Incompatibility

Use personal protective equipment as required.

Wash hands et al thoroughly after handling.

When using do not eat, drink or smoke.

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

Recommendation for storage

Store below -20°C.

Incompatible storage condition

Protect from sunlight.

## SECTION 8: Exposure controls/personal protection

### **8.1 Control parameters**

Adopted value

(as Sodium azide 98% or more)

ACGIH(1992) STEL: C 0.11ppm(Hydrazoic acid vapor) (Card impair; lung dam) ; C

0.29mg-NaN<sub>3</sub>/m<sup>3</sup> (Card impair; lung dam)

NIOSH-REL

(as Sodium azide 98% or more)

C 0.1ppm, 0.3mg/m<sup>3</sup>

### **8.2 Exposure controls**

Individual protection measures

Respiratory protection

Wear appropriate respirator when ventilation is inadequate.

Hand protection

Wear protective gloves.

Eye protection

Wear eye/face protection.

Skin and body protection

Wear protective clothing.

Safety and Health measures

Take off contaminated clothing and wash it before reuse.

Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: Physical and chemical properties

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

Physical properties

Appearance : Liquid

Color : data N.A.

Odor : data N.A.

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F: +44 (0) 1235 820 482



#### **North America**

1035 Cambridge Street,  
Cambridge, MA 02141.

T: +1 (617) 945-5033 or

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F: +1 (617) 945-8218



#### **Germany**

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pH : data N.A.  
Phase change temperature  
Initial Boiling Point/Boiling point data N.A.  
Boiling range data N.A.  
Melting point/Freezing point data N.A.  
Decomposition temperature data N.A.  
Flash point data N.A.  
Auto-ignition temperature data N.A.  
Vapor pressure data N.A.  
Vapor density data N.A.  
Specific gravity/Density data N.A.  
Solubility in water : data N.A.  
n-Octanol /water partition coefficient data N.A.

## SECTION 10: Stability and reactivity

### **10.1 Chemical stability**

Stable under normal storage/handling conditions.

### **10.2 Hazardous decomposition products**

Under normal storage and handling conditions, no hazardous products are generated.

## SECTION 11: Toxicological information

### **11.1 Information on toxicological effects**

No Acute toxicity data available

No Irritant properties data available

No Allergenic and sensitizing effects data available

No Mutagenic effects data available

Carcinogenicity

(as Sodium azide 98% or more)

ACGIH-A4(1992) : Not Classifiable as a Human Carcinogen

No Teratogenic effects data available

No reproductive toxicity data available

No STOT-single/repeated exposure data available

No Aspiration hazard data available

## SECTION 12: Ecological information

### **12.1 Toxicity**

No Aquatic toxicity data available

Water solubility

(as Sodium azide 98% or more)

good (41.7 g/100 ml, 17 C) (ICSC, 2014)

### **12.2 Persistence and degradability**

(as Sodium azide 98% or more)

Degradation measured by HPLC : 1% (Registered chemicals data check & review, Japan)

### **12.3 Bioaccumulative potential**

(as Sodium azide 98% or more)

log Pow <= 0.3 (Check & Review, Japan)

No Mobility in soil data available

Ozone depleting chemical data not available

## SECTION 13: Disposal considerations

### **13.1 Waste treatment methods**

Dispose of contents/container in accordance with local/national regulation.

## SECTION 14: Transport information

Not Restricted

**14.1 UN No. (Air):** Not dangerous goods

**14.2 UN Proper Shipping Name:** N/A

**14.3 Class or Division:** N/A

**14.4 Packing Group:** N/A

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**14.5 Marine Pollutant:** N/A

SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU regulations

EC Inventory

Sodium azide

SECTION 16: Other information

The product is not applicable to GHS classifications.

Reference Book

Globally Harmonized System of classification and labelling of chemicals, (5th ed., 2013), UN Recommendations on the TRANSPORT OF DANGEROUS GOODS 19th edit., 2015 UN

Classification, labelling and packaging of substances and mixtures (table3-1 ECNO6182012) 2016 EMERGENCY RESPONSE GUIDEBOOK(US DOT)

2017 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/ENG/Classification/index.php>

Supplier's data/information

General Disclaimer

This information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. It is advised to make their own tests to determinate the safety and suitability of each such product or combination for their own purposes.

**End of Safety Data Sheet**

AMSBIO | [www.amsbio.com](http://www.amsbio.com) | [info@amsbio.com](mailto:info@amsbio.com)



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