



MATERIAL SAFETY DATA SHEET

Fenchem Biotek Ltd.
Tel: 0086-25-84218888
Fax: 0086-25-84574987
E-mail: sales@fenchem.com
www.fenchem.com

Co-Joint™ Chondroitin sulfate sodium

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Co-Joint™ Chondroitin sulphate sodium
Company Identification: Fenchem Biotek Ltd.,
No. 1911-1917, Fortune Building, No .359 Hongwu Rd,NJ,China.
PC: 210002.
For information, call: +86 25 84218888
Emergency Number: +86 25 84574708
For CHEMTREC assistance, call: +86 25 84218888
For International CHEMTREC assistance, call: +86 25 84574708

**** SECTION 2 - HAZARDS IDENTIFICATION ****

Emergency Overview

Low hazard for usual industrial or commercial handling by trained personnel.

Potential chronic health effects:

Eyes: It is considered to be non-irritating.

Skin: Skin: It is considered to be non-irritating to skin.

Inhalation: It is considered to be non-toxic and a low hazard for usual industrial handling

Ingestion: It is considered have low toxicity and to be low hazard for usual industrial handling.

**** SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#	Name	Assay
9082-07-9	Chondroitin sulfate sodium	≥90%

This preparation contains no hazardous substance in this category.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes:

Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin:

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If



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irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream.

Seek medical attention.

Ingestion:

Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Inhalation:

Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Get medical aid if cough or other symptoms appear.

Notes to Physician:

Treat symptomatically and supportively.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Flammable solid.

Extinguishing Media:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Autoignition Temperature: Not available.

Explosion Limits, Lower: Not available. Upper: Not available.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not



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ingest. Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage:

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits: Not available.

Personal Protective Equipment

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

A respiratory protection program that meets OSHA's 29 CFR :1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Appearance:	White powder or light yellow powder
Odor:	Characteristic.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
pH:	5.5-7.5
Evaporation Rate:	Not available.
Viscosity:	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	Not available.
Decomposition Temperature:	Not available.



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Solubility in water: Not available.

Specific Gravity/Density: Not available.

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

High temperatures, dust generation.

Incompatibilities with Other Materials:

Oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Hazardous Polymerization: Has not been reported.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

LD50/LC50:

Acute oral toxicity (LD50): >10000 mg/kg [Mouse].

Carcinogenicity:

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology:

No information available.

Teratogenicity:

No information available.

Reproductive Effects:

No information available.

Neurotoxicity:

No information available.

Mutagenicity:

No information available.

Other Studies:

See actual entry in RTECS for complete information.

**** SECTION 12 - ECOLOGICAL INFORMATION****

Ecotoxicity: Not available

BOD5 and COD: Not available

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term



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degradation products may arise.

Toxicity of the products of Biodegradation:

The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.

US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

**** SECTION 14 - TRANSPORT INFORMATION ****

Non-hazardous for air, sea and road freight.

**** SECTION 15 - REGULATORY INFORMATION ****

Federal and State Regulations: TSCA 8(b) inventory: No products were found.

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): CLASS D-2B: Material causing other toxic effects.

DSCL (EEC):

This product is not classified according to the EU regulations.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

**** SECTION 16 - ADDITIONAL INFORMATION ****

MSDS Creation Date: 02/14/2007 Last updated : 12/07/2010

The information above is believed to be accurate and represents the best information



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