

SAFETY DATA SHEET

1. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE: Sodium Hyaluronate
SUPPLIER NAME: YellowBee Packaging and Supplies Inc.
SUPPLIER ADDRESS: #106 2880 107
Ave SE Calgary
AB T2Z3R7
Canada
TELEPHONE NUMBER: (587) 352 3929
RECOMMENDED USE: Domestic and Industrial

2. Hazards Identification

- 1.1 Fatalness grade:
According to the regulations (EC) No.1272/2008 the distribution of the products are not classified as dangerous goods.
- 1.2 Invasion route: Skin contact, eye contact, inhalation, ingestion.
- 1.3 Health Hazards:
Dust generated during the production process to the eyes, skin and respiratory tract without a stimulating effect.
- 1.4 Environment Hazard: None significant influence and harm.
- 1.5 Burn & burst danger: This product is non-flammable

2. Composition/Information on Ingredients

Chemical Name	Percentage Content (%)	CAS No.	EC No.
Sodium Hyaluronate	100	9067-32-7	618-620-0

3. First Aid Measures

- 3.1 Skin touch :
Take off the polluted clothers, and wash with flowing water.
- 3.2 Eyes touch :
Immediately filed eyelid, wash with flowing water or saline thoroughly
- 3.3 Inhalation :
Rapidly from the scene to fresh air. Keep the airway patency. If breathing is difficult, give oxygen.
- 3.4 Ingestion: Rinse mouth with water.

4. Fire Fighting Measures

- 4.1 Danger characteristic: This product is non-flammable.
- 4.2 Fire Fighting method media:
Fire fighters have to wear the wholebody fire protective clothing.
Remove the container from fireground to open place as much as possible. Spray cooling the fire container, until the end of fire.

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If the container has been discolored or generate sound from the safety relief devices in a fire must evacuate immediately.
Fire extinguishing agent: waterproof fog, dry powder, sand, foam.

5. Accidental Release Measures

Emergency treatment: Small leak: clear. Large leak: focus on recycling.

7. Handling And Store

7.1 Handling:

Provide adequate ventilation. Operators must strictly follow the rules of operation. Recommended to wear a mask, wear a work clothes, gloves. Stay away from fire, heat, water, smoking is prohibited in the workplace. Avoid dust. Use explosion proof ventilation system and equipment. Avoid contact with oxidant and acid. Equipped with corresponding varieties and quantities of fire equipment and emergency treatment equipment.

7.2 Storage:

Stored in a cool, ventilated warehouse. Recommended storage temperature is 2~10 °C. Away from fire, heat, water. Should be kept separate from the oxidant and acid, avoid mixing reservoir. Equipped with corresponding varieties and quantities of fire equipment. Storage areas shall be provided with a leak emergency treatment equipment and suitable housing materials.

8. Exposure Controls/Personal Protection

- 8.1 Maximum admissible concentration : Not established.
- 8.2 Monitoring Methods: None.
- 8.3 Engineering controls: Provide adequate ventilation.
- 8.4 Respiratory protection: No special requirements, wear masks.
- 8.5 Eyes protection: None.
- 8.6 Body protection: Wear working clothes.
- 8.7 Hands protection: Wear gloves.
- 8.8 Other protection: No smoking. Keep good habit of hygiene.

9. Physical And Chemical Properties

9.1 Appearance :	White or similar white powder.
9.2 Melting:	No data.
9.3 Boiling point:	No data.
9.4 Specific gravity:	No data.
9.5 Solubility:	Soluble in water
9.6 Flash point:	No data.
9.7 pH:	6.0~7.5

10. Stability And Reactivity

10.1 Stability :	Stable.
10.2 Conditions to avoid:	High temperature, high humidity and antioxidant.
10.3 Hazardous polymerization:	None.
10.4 Decomposition products:	None.

11. Toxicological Information

- 11.1 Acute toxicity: None.
 - 11.2 Sub-acute and chronic toxicity: None.
 - 11.3 Irritation: None.
 - 11.4 Sensitization: None.
 - 11.5 Mutagenicity: None.
 - 11.6 Carcinogenicity: None.
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12. Ecological Information

- 12.1 Eco-toxicity: No known significant effects or critical hazards.
 - 12.2 Biodegradable: Degradable.
 - 12.3 Non-biodegradable: Not applicable.
 - 12.4 Other harmful effects: No known significant effects or critical hazards.
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13. Disposal Considerations

Waste disposal methods:

Before disposal, should refer to the local relevant national and regional laws and regulations.

14. Transport Information

- 14.1 Dangerous goods number: Not applicable.
 - 14.2 UN number: No data.
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14.3 Packaging mark: No data.

14.4 Packing method: Packing in cartons.

14.5 Transport attentions:

Before transported, should inspect the packaging container is complete, seal, During transportation process to ensure that the container not leak, collapse, fall, or damaged. The products mixed with oxidant, acid and others is strictly prohibited to transport. Transport vehicles must be thoroughly cleaned and disinfected, otherwise cannot load other articles. During transportation, prevent insolation, rain, high temperature. Shipping, away from kitchen, and isolation and engine room, fire and other parts.

15. Regulatory Information

Regulatory information:

ISO11014 2009 Chemical Safety Data Sheet content and sequence sections Regulation ECNo.1272/2008 substances and mixtures classification, labeling and packaging regulations.

16. Other information

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although YellowBee Packaging and Supplies Inc. believes the above information to be accurate based on the information available to YellowBee, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from YellowBee meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to YellowBee Packaging and Supplies Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.

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