

Safety Data Sheet

According to Regulation (EC) No 1907/2006, Annex I, Amended by COMMISSION REGULATION (EU) 2020/878,

According to REGULATION (EC) No 1272/2008

Hybloom™ Zinc Hyaluronate (HA-Zn)

Filing No.: 20220008

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1. Product identifier	
Product Name :	Zinc Hyaluronate (HA-Zn)
Synonyms, Trade Names:	Hybloom™
CAS-No:	--
Additional identification:	Nanoform is NOT covered by this SDS.
UFI:	N/A
1.2. Relevant identified uses of the substance or mixture and uses advised against	Identified uses: Humectant/Skin protectant
1.3. Details of the supplier of the safety data sheet	Company Name: Bloomage Biotechnology Corp., Ltd. Address: No. 678 Tianchen St., High-Tech Development Zone, Jinan, China.
1.4. Emergency telephone number	+86 531 8268 5998
SECTION 2: HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Classification (CLP): The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).	
2.2. Label elements	
Label elements (CLP): The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).	
2.3. Other hazards	
This substance/mixture doesn't contain PBT/ vPvB substance. This substance/mixture doesn't contain endocrine disruptor.	
SECTION 3.COMPOSITION / INFORMATION ON INGREDIENTS	
3.1 Substances	
COMPONENTS	Zinc Hyaluronate
INCI Name	ZINC HYDROLYZED HYALURONATE
CAS NO.	—
EINECS/ELINCS No.	—

MOLECULAR WEIGHT	[Zn(C ₁₄ H ₂₀ O ₁₁ N) ₂] _n (821.6) _n
Classification according to Regulation (EC) No. 1272/2008 [CLP] and amendments	N/A
Specific Concentration limits, M-Factor, Acute Toxicity Estimates(ATE)	N/A
3.2. Mixtures	
See 'Information on ingredients' in section 3.1	
SECTION 4: FIRST AID MEASURES	
4.1. Description of first aid measures	
General Information	Consult a physician. Show this safety data sheet to the doctor in attendance.
EYE CONTACT	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
SKIN CONTACT	Wash off with soap and plenty of water. Consult a physician
INHALATION	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
SWALLOWED	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
4.2. Most important symptoms and effects, both acute and delayed	No particular precautions.
4.3. Indication of any immediate medical attention and special treatment needed	No particular precautions.
SECTION 5: FIREFIGHTING MEASURES	
5.1. Extinguishing media	
Suitable extinguishing media: Water, foam, CO ₂ .	
Unsuitable extinguishing media: No data available.	
5.2. Special hazards arising from the substance or mixture	
None.	
5.3. Advice for firefighters	
Wear self-contained breathing apparatus for firefighting if necessary.	
SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	
Eliminate all sources of ignition. Delineate a safe zone. Cut off the source of leakage as much as possible. For personal protection see section 8.	
6.2. Environmental precautions	
Do not let the product enter drains.	
6.3. Methods and material for containment and cleaning up	
Sweep or Vacuum. Note that an extreme slip hazard can develop if material spilled on the floor becomes wet.	
6.4. Reference to other sections	
For emergency contact information, see sections 1.	
For exposure control and individual protection measures, see section 8.	
For later elimination of waste, follow the recommendations under section 13.	
SECTION 7: HANDLING AND STORAGE	
7.1. Precautions for safe handling	
No particular precautions necessary.	
7.2. Conditions for safe storage, including any incompatibilities	

Kept airtight, 2-10°C.	
7.3. Specific end use(s)	
The identified use(s) referred to in subsection 1.2, there is no specific end use(s).	
SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION	
8.1. Control parameters:	No data available
8.2. Exposure controls:	No data available
8.2.1 Appropriate engineering controls:	No data available
8.2.2 Personal protection:	
Respiratory Protection	No particular precautions necessary.
Skin protection	Oil-resistant rubber gloves.
Eye Protection	Safety glasses with side-shields conforming to EN166.
Thermal hazards	None
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
9.1. Information on basic physical and chemical properties	
Physical State	Powder or granules
Colour	White or almost white
Odour	No characteristic odour.
Odour threshold	No data available.
Solubility	Soluble in water.
Boiling point or initial boiling point and boiling range	No data available.
Flash Point	No data available.
Melting Point	No data available.
Flammability	Non-flammable.
Explosive Characteristics	No data available.
Lower and upper explosion limit (%)	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Partition coefficient n-octanol/water (log value)	No data available.
Vapour pressure (kPa)	No data available.
Density and/or Relative density (Water=1)	No data available.
Relative vapour density (Air=1)	No data available.
Kinematic viscosity(mm ² /s)	No data available.
Particle characteristics	No data available.
Additional information	No data available.
9.2. Other information	
Additional information:	Not available.
Other Safety Characteristics:	Not available.
SECTION 10: STABILITY AND REACTIVITY	
10.1. Reactivity	
10.2. Chemical stability	
The substance or mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.	

<u>10.3. Possibility of hazardous reactions</u>	
Will not occur.	
<u>10.4. Conditions to avoid</u>	
High temperature, strong light, and a high level of humidity.	
<u>10.5. Incompatible materials</u>	
Strong oxidant, strong acid, strong base.	
<u>10.6. Hazardous decomposition products</u>	
<u>SECTION 11: TOXICOLOGICAL INFORMATION</u>	
<u>11.1. Information on toxicological effects</u>	
Acute Oral Toxicity	No data available.
<u>11.2 Information on other hazards</u>	
<u>11.2.1. Endocrine Disruption Properties</u>	
The substance or mixture does not contain endocrine disruptor.	
<u>11.2.2. Other Information</u>	
Not applicable.	
<u>SECTION 12: ECOLOGICAL INFORMATION</u>	
<u>12.1. Toxicity</u>	No date available.
<u>12.2. Persistence and degradability</u>	It is biodegradable.
<u>12.3. Bioaccumulative potential</u>	No date available.
<u>12.4. Mobility in soil</u>	No date available.
<u>12.5. Results of PBT and vPvB assessment</u>	
This substance/mixture don't contain any component considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.	
<u>12.6. Endocrine disruptor properties</u>	The substance or mixture does not contain endocrine disruptor.
<u>12.7. Other adverse effects</u>	No date available.
<u>12.8. Other Information</u>	Not available
<u>SECTION 13: DISPOSAL CONSIDERATIONS</u>	
<u>13.1. Waste treatment methods</u>	
Waste material disposal under observation of national or regional law.	
<u>SECTION 14: TRANSPORT INFORMATION</u>	
<u>14.1. UN number</u>	None.
<u>14.2. UN Proper shipping name</u>	
<u>14.3. Transport hazard class(es)</u>	
It is not a hazard product. No special measures have to be taken for transportation.	
<u>14.4. Packing group</u>	
<u>14.5. Environmental hazards</u>	None.
<u>14.6. Special precautions for user</u>	None.
<u>14.7. Transport in bulk according to Annex II of MARPOL 73/78, the IBC Code and IMO instrument</u>	
<u>SECTION 15: REGULATORY INFORMATION</u>	
<u>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</u>	

According to the Directive 1999/45/CE and 2001/60/CE, the product is not classified as dangerous.

The regulatory information given in this document only indicates regulations applicable to the product described in the Safety Data Sheet.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

The above mentioned information is based on the actual state of knowledge and does not involve any guaranty of attribute. Existing law and regulation have to be observed in own responsibility of the buyer of our product.