

Material Safety Data Sheet

High Molecular Weight Sodium Hyaluronate (HA-THM)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1. Product identifier	
Product Name:	High Molecular Weight Sodium Hyaluronate (HA-THM)
Synonyms, Trade Names:	Hybloom™
CAS-No:	9067-32-7
1.2. Relevant identified uses of the substance or mixture and uses advised against Identified uses: Humectant	
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	
None.	
SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS	
3.1 Substances	
COMPONENTS	Sodium Hyaluronate
INCI Name	SODIUM HYALURONATE
CAS NO.	9067-32-7
EINECS/ELINCS No.	—
MOLECULAR WEIGHT	(C ₁₄ H ₂₀ NO ₁₁ Na) _n (401.3) _n
SECTION 4: FIRST AID MEASURES	
4.1. Description of first aid measures	No particular precautions.
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	
Water, foam, CO ₂ .	
5.2. Special hazards arising from the substance or mixture	
None.	
5.3. Advice for firefighters	

None.	
<u>SECTION 6: ACCIDENTAL RELEASE MEASURES</u>	
<u>6.1. Personal precautions, protective equipment and emergency procedures</u>	
General Information	No particular precautions necessary.
EYE CONTACT	Do not cause irritation.
SKIN CONTACT	No particular precautions necessary.
INHALATION	No particular precautions necessary.
INJECTION	No particular precautions necessary.
<u>6.2. Environmental precautions</u>	None.
<u>6.3. Methods and material for containment and cleaning up</u>	
Sweep or Vacuum. Note that an extreme slip hazard can develop if material spilled on the floor becomes wet.	
<u>6.4. Reference to other sections</u>	
<u>SECTION 7: HANDLING AND STORAGE</u>	
<u>7.1. Precautions for safe handling</u>	
No particular precautions necessary.	
<u>7.2. Conditions for safe storage, including any incompatibilities</u>	
Kept airtight in a dark place, 2~10°C	
<u>7.3. Specific end use(s)</u>	
<u>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</u>	
<u>8.1. Control parameters</u>	
<u>8.2. Exposure controls</u>	
Respiratory Protection	A dust respirator should be worn if dust becomes annoying.
Protective Gloves	Not necessary.
Eye Protection	Not necessary.
<u>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</u>	
<u>9.1. Information on basic physical and chemical properties</u>	
Appearance	White powder or granules almost taste-less and odor-less.
Solubility	Soluble in water forming a viscous solution.
Boiling Point	None volatile.
Flash Point	None.
Melting Point	None.
Flammability	None.
Explosive Characteristics	None.
<u>9.2. Other information</u>	
<u>SECTION 10: STABILITY AND REACTIVITY</u>	
<u>10.1. Reactivity</u>	
<u>10.2. Chemical stability</u>	It is degraded under the condition of strong acid or strong alkali.
<u>10.3. Possibility of hazardous reactions</u>	
Will not occur.	
<u>10.4. Conditions to avoid</u>	

High temperature and a high level of humidity.	
10.5. Incompatible materials	
Strong oxidizing agents.	
10.6. Hazardous decomposition products	
SECTION 11: TOXICOLOGICAL INFORMATION	
11.1. Information on toxicological effects	
Acute Oral Toxicity	LD ₅₀ >5000mg/kg, no toxicity
SECTION 12: ECOLOGICAL INFORMATION	
12.1. Toxicity	None.
12.2. Persistence and degradability	It is biodegradable.
12.3. Bioaccumulative potential	
12.4. Mobility in soil	
12.5. Results of PBT and vPvB assessment	
12.6. Other adverse effects	
SECTION 13: DISPOSAL CONSIDERATIONS	
13.1. Waste treatment methods	
Waste material disposal under observation of national or regional law.	
SECTION 14: TRANSPORT INFORMATION	
14.1. UN number	None.
14.2. UN Proper shipping name	
14.3. Transport hazard class(es)	
It is not a hazard product. No special measures have to be taken for transportation.	
14.4. Packing group	
14.5. Environmental hazards	None.
14.6. Special precautions for user	None.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
SECTION 15: REGULATORY INFORMATION	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Mandatory labelling of hazardous preparation: Not necessary.	
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	
Risk Phrases in Full	
NC	Not classified
Hazard Statements in Full	