

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Sodium Hyaluronate/Hyaluronic Acid Sodium  
**Synonyms:** Hyaluronic Acid, Sodium Salt  
**INCI Name:** Sodium Hyaluronate  
**CAS Number:** 9067-32-7  
**Formula:** (C<sub>14</sub>H<sub>23</sub>NO<sub>11</sub>)<sub>x</sub>•N  
**Product Form:** Powder  
**Product Use:** Domestic and Industrial.

**Supplier:** ASES CHEMICAL WORKS.  
**Address:** Brahm Bagh, Jalori Gate  
Jodhpur - 342001 Rajasthan-India  
**Phone:** +91-9636889954  
**Web:** www.ases.in  
**Email :** ecom@ases.in

### 2 HAZARDS IDENTIFICATION

**Classification of the substance or mixture:** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
**Label Elements:** This substance is not classified as dangerous according to Directive 67/548/EEC.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Molar Mass	Weight%
Sodium Hyaluronate	9067-32-7	618-620-0	(C <sub>14</sub> H <sub>23</sub> NO <sub>11</sub> ) <sub>x</sub> •N	>95%

### 4 FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.  
**Skin Contact:** Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.  
**Inhalation:** If inhaled, removed to fresh air. Get medical attention if symptoms appear.  
**Ingestion:** Seek medical attention or contact local poison control centre.

### 5 FIRE-FIGHTING MEASURES

**Suitable extinguishing media :** Water spray, water jet, foam, dry powder, carbon dioxide.  
**Fire-Fighting/Further Advice:** Dust may form explosive mixture with air. Avoid heat, flames and other sources of ignition. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, protective equipment and emergency procedures

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.

#### Environmental Precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

#### Further Accidental Release Measures

Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Ventilate affected area.

### 7 HANDLING & STORAGE

**Precautions:** Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation

**Storage:** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** None under normal use conditions.

**Respiratory equipment:** No protective equipment is needed under normal use conditions.

**Skin and body protection:** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Eye protection:** Wear approved safety goggles.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

# MATERIAL SAFETY DATA SHEET

## SALICYLIC ACID

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE :</b> White powder almost taste-less	<b>FLASH POINT :</b> None
<b>ODOR :</b> Odorless	<b>MELTING POINT :</b> None
<b>SOLUBILITY :</b> Soluble in water	<b>FLAMMABILITY:</b> None
<b>pH :</b> 6.0-7.5	<b>EXPLOSIVE CHARACTERISTICS :</b> None
<b>BOILING POINT :</b> None volatile	

### 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use
<b>Chemical Stability:</b>	Stable under normal temperature conditions
<b>Hazardous Polymerization:</b>	Not determined.
<b>Conditions to Avoid:</b>	Avoid excessive heat for prolonged periods of time
<b>Incompatible Materials:</b>	Not determined.
<b>Hazardous Decomposition Products:</b>	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> )

### 11 TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	LD50 >5000mg/kg.
<b>Skin contact</b>	Adverse skin effects should be prevented by normal care and personal hygiene.
<b>Eye contact</b>	Possible irritation should be prevented by wearing safety glasses.

### 12 ECOLOGICAL INFORMATION

<b>Persistence and Degradability:</b>	The product is easily biodegradable.
<b>Ecotoxicity :</b>	Do not empty into drains.
<b>Other Adverse Effects:</b>	No data available

### 13 DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### 14 TRANSPORT INFORMATION

<b>US DOT Shipping Description (Land) :</b>	Not regulated
<b>IMO-IMDG Shipping Description (Sea) :</b>	Not regulated
<b>IATA Shipping Description (Air) :</b>	Not regulated

### 15 REGULATORY INFORMATION

<b>Chemical Safety Assessment:</b>	No chemical safety assessment has been carried out.
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### 16 OTHER INFORMATION

#### Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.