

# Safety Data Sheet



UAB Saflora safety data sheet according to Regulation (EC) No. 1907/2006. 1907/2006 as amended from time to time.

Reviewed: 2024-10-14

Version: 1.0 EN

Product: sodium hyaluronate 50 kDa

2024-10-14

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product name: sodium hyaluronate 50 kDa

Product code: 1151

### 1.2. Relevant identified uses of the substance or mixture and uses recommended

Relevant identified uses: cosmetic and household chemicals ingredients

Uses advised against: product not intended for direct consumer use.

### 1.3. Details of the supplier of the safety data sheet

Company: UAB Saflora

Legal address: Naugarduko g. 102, LT03160, Vilnius, Lithuania

Tel.: +37062959500

E-mail: info@sapolita.lt

### 1.4. Emergency telephone number

Poisoning and drug information center: : +37052362052 and +37068753378

Emergency number: 112

Supplier: : +37062959500

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 [CLP]

Not classified

### 2.2. Label elements

In accordance with Regulation (EC) No 1272/2008 labeling does not apply.

### 2.3. Other hazards

No specific hazards known if stored and handled as prescribed / indicated.

## SECTION 3: Composition/information on ingredients

Name: sodium hyaluronate 50 kDa  
INCI name: sodium hyaluronate  
CAS number: 9067-32-7  
EINECS number: 618-620-0  
Molar mass: 45000 g/mol  
Active substance concentration: min 95%  
Composition / formula: (C<sub>14</sub>H<sub>20</sub>NNaO<sub>12</sub>)<sub>n</sub>

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Seek medical attention if adverse health effects occur.

In case of Inhalation:  
unrelated

In case of skin contact:  
No instruction as this is a non-toxic product.

In case of eyes contact:  
Rinse immediately with plenty of running water (10 minutes) and seek medical advice if necessary.

In case of Ingestion:  
No instruction as this is a non-toxic product.

### 4.2. Most important symptoms and effects, both acute and delayed

Intensive use and proper handling are not expected to pose a risk.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

CO<sub>2</sub> or Dry chemical fire extinguisher, foam.

### 5.2. Special hazards arising from the substance or mixture

Do not inhale combustion gases. Burning produces heavy smoke.

### 5.3. Advice for firefighters

In case of fire do not breathe fumes.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

### **6.3. Methods and material for containment and cleaning up**

Wash with plenty of water.

### **6.4. Reference to other sections**

See also section 8 and 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice.

Take precautionary measures against static discharges. Avoid all possible sources of ignition: heat, sparks, open flame.

### **7.2. Conditions for safe storage, including any incompatibilities**

Suitable materials for containers: polyethylene, polypropylene, glass, PET.

Storage stability: stabilus, jeigu laikomas ir naudojamas normaliomis sąlygomis, nereikalauja specialių laikymo sąlygų.

Storage temperature: 12-25 °C

### **7.3. Specific end use(s)**

None in particular

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

Derived No Effect Level (DNEL): None in particular

Predicted No Effect Concentration (PNEC): None in particular

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### **8.2. Exposure controls**

Eye/face protection: should not be necessary.

Skin protection: should not be necessary.

Respiratory protection: should not be necessary.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

Forma: solid

Odor: odorless

Color: white, 0.25% solution completely transparent

Density g/cm<sup>3</sup>: 0,55

pH: 5,0-8,5 (0,1% aq)

Solubility: soluble in H<sub>2</sub>O 5g/l, insoluble in Et<sub>2</sub>O

### **9.1. Other information**

None in particular

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Produktas stabilus normaliomis sąlygomis ir esant temperatūrai žemiau +100 °C trumpam laikui bei pH nuo 4 iki 10.

### 10.3. Possibility of hazardous reactions

None under normal conditions

### 10.4. Conditions to avoid

Stable under normal conditions.

### 10.5. Incompatible materials

Concentrated acids, alkalis and oxidising agents.

### 10.6. Hazardous decomposition products

This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes and smoke.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity:

Essentially non-toxic after a single ingestion.

This product has not been tested. The claim was derived from substances / products with a similar structure or composition.

Skin corrosion/irritation:

No skin irritation data available.

Respiratory or skin sensitisation:

No evidence of skin sensitization. Not considered to be an inhalation hazard.

Germ cell mutagenicity:

The chemical structure does not suggest such an effect.

Carcinogenicity:

The chemical structure does not suggest such an effect.

Reproductive toxicity:

The chemical structure does not suggest such an effect.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

The information provided on the product does not indicate any specific target organ toxicity in case of repeated interactions.

Other toxicological information:

Repeated dose toxicity, rabbit, dermal: NOAEL 1430 mg/kg body weight per day

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

The assessment of the aquatic toxicity of the product has not been performed. Toxicity has been reported based on the properties of the individual components.

### **12.2. Persistence and degradability**

No data available.

### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

No data available.

### **12.5. Results of PBT and vPvB assessment**

The product does not contain any substance meeting the criteria for PBT (persistent / bioaccumulative / toxic) or vPvB (very persistent / very bioaccumulative).

### **12.6. Other adverse effects**

No data available.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

Must be handled in accordance with local regulations.

## **SECTION 14: Transport information**

### **14.1. UN number**

Not classified as dangerous in the meaning of transport regulations.

### **14.2. UN proper shipping name**

Not applicable.

### **14.3. Transport hazard class(es)**

Not regulated as a dangerous good.

**14.4. Packing Group**

III

**14.5. Environmental hazards**

Not applicable.

**14.6. Special Precautions for User**

No.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not evaluated.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulation/legislation specific for the substance or mixture**

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC)

**15.2. Chemical Safety Assessment**

Advice on handling is provided in sections 7 and 8 of this safety data sheet.

**SECTION 16: Other information**

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. This SDS has been compiled and is solely intended for this product.

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*UAB Saflora cannot however accept liability for any loss, injury and/or damage that results from use or misuse of the information herein.*