

# HYALURONIC ACID, SODIUM SALT

## SAFETY DATA SHEET

ISSUE DATE: 29 July 2010

REVISION DATE: 16 May 2016

### 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

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|-------|--|
| 1.1   | PRODUCT IDENTIFIER   |
| 1.1.1 | Trade name: Hyaluronic acid, sodium salt - powder  |
| 1.1.2 | INCI name: Sodium hyaluronate  |
| 1.2   | RELEVANT IDENTIFIED USES OF THE SUBSTANCE AND USES ADVISED AGAINST<br>For use in cosmetics   |
| 1.3   | DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET<br>Address: Contipro a.s., Dolní Dobrouč 401, 561 02 Dolní Dobrouč, Czech Republic<br>Telephone: +420 465 520 035<br>E-mail: <a href="mailto:sales@contipro.com">sales@contipro.com</a> |
| 1.4   | EMERGENCY TELEPHONE NUMBER<br>Manufacturer (Reception): +420 465 519 530   |

### 2. HAZARDS IDENTIFICATION

- |     |   |
|-----|---|
| 2.1 | CLASSIFICATION OF THE SUBSTANCE<br>Not classified as dangerous according to the Regulation (EC) No 1272/2008                    |
| 2.2 | LABEL ELEMENTS: Not relevant  |
| 2.3 | OTHER HAZARDS: None<br>Not identified as PBT or vPvB according to the Annex XIII of the Regulation (EC) No 1907/2006 as amended |

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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|-----|--|
| 3.1 | SUBSTANCE<br>Hyaluronic acid, sodium salt (polysaccharides)<br>CAS number: 9067-32-7 |
| 3.2 | MIXTURE: Not applicable  |

### 4. FIRST AID MEASURES

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|-------|--|
| 4.1   | DESCRIPTION OF FIRST AID MEASURES  |
| 4.1.1 | Inhalation: If breathed in, move person to the fresh air. Seek medical attention.<br>Skin: After contact with skin wash with water and soap.<br>Eye: In case of contact with eyes, rinse immediately with plenty of water.<br>Ingestion: Seek medical attention in case of any sickness. |
| 4.1.2 | Not applicable   |
| 4.2   | MOST IMPORTANT SYMPTOMS AND EFFECTS<br>No adverse effects supposed when in contact with skin, eyes or mucous membranes.  |
| 4.3   | IDENTIFICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Not applicable   |

### 5. FIREFIGHTING MEASURES

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|-----|---|
| 5.1 | EXTINGUISHING MEDIA: Water foam, water spray, dry chemicals, carbon dioxide               |
| 5.2 | SPECIAL HAZARDS ARISING FROM THE MIXTURE: Combustion products include CO, CO <sub>2</sub> |
| 5.3 | ADVICE FOR FIREFIGHTERS: Gas mask (CO)  |

## 6. ACCIDENTAL RELEASE MEASURES

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|-----|--|
| 6.1 | PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Avoid from contact with skin/eyes   |
| 6.2 | ENVIRONMENTAL PRECAUTIONS: None  |
| 6.3 | METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: After spillage wash with 50 % ethanol or propanol |

## 7. HANDLING AND STORAGE

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|-----|--|
| 7.1 | PRECAUTIONS FOR SAFE HANDLING: Adhere to common safety measures  |
| 7.2 | CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES<br>Store in a dry place in originally sealed packaging. Storage temperature 2-25 °C(brief exposure up to 40 °C). Recommended to store at the temperature of 2-8°C after opening. Keep away from sunlight. |
| 7.3 | SPECIFIC END USE: Cosmetic ingredient  |

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

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|-------|--|
| 8.1   | CONTROL PARAMETERS: No exposure limits   |
| 8.2   | EXPOSURE CONTROLS  |
| 8.2.1 | Not applicable   |
| 8.2.2 | Individual protection measures, such as personal protective equipment:<br>Hygiene measures: Good industrial practice. Do not drink, eat or smoke while working<br>Eye/face protection: Use chemical safety goggles when necessary<br>Hand protection: Wear laboratory gloves<br>Skin protection: Wear casual working clothes<br>Respiratory protection: Not required<br>Thermal hazard: Not applicable |
| 8.2.3 | Environmental exposure controls: No special environmental precautions  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|-----|---|
| 9.1 | INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES   |
|     | Appearance: white to slightly yellow powder or granules   |
|     | Odour: odourless  |
|     | Boiling point: not applicable   |
|     | pH: 5.0 - 8.5 for 0.5 % aqueous solution  |
|     | Melting point/freezing point: data not available  |
|     | Flash point: not applicable   |
|     | Evaporation rate: not applicable  |
|     | Flammability (solid, gas): hygroscopic, poorly flammable  |
|     | Explosive limits: none  |
|     | Vapour pressure: not applicable   |
|     | Relative density: not applicable  |
|     | Solubility: soluble in water and in a mixture of water and water-miscible organic solvents (e.g. ethanol, propanol)<br>insoluble in fats and anhydrous organic solvents |
|     | Partition coefficient (n-octanol/water): data not available   |
|     | Auto-ignition temperature: data not available   |
|     | Decomposition temperature: data not available - polysaccharide, decomposition rate increases with temperature significantly above 50 °C                                 |
|     | Viscosity: data not available   |
|     | Explosive properties: none  |
|     | Oxidizing properties: none  |
| 9.2 | OTHER INFORMATION   |
|     | Hygroscopic polysaccharide  |

## 10. STABILITY AND REACTIVITY

- 10.1 REACTIVITY: No hazardous reactions
- 10.2 CHEMICAL STABILITY: The product is stable under the appropriate storage conditions
- 10.3 POSSIBILITY OF HAZARDOUS CHEMICAL REACTION: Not known
- 10.4 CONDITIONS TO AVOID: Direct sunlight, temperatures above 50 °C
- 10.5 INCOMPATIBLE MATERIALS: Oxidising agents
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS: Unidentified organic compounds

## 11. TOXICOLOGICAL INFORMATION

- 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS
  - 11.1.1 SUBSTANCES
 

Acute toxicity:	non-toxic
Skin irritation:	non-irritating
Eye irritation:	non-irritating
Respiratory or skin sensitisation:	non-sensitising
Germ cell mutagenity:	non-mutagenic
Carcinogenicity:	data not available
Reproductive toxicity:	non-toxic for reproduction
STOT-SE/STOT-RE:	data not available
Aspiration hazard:	not applicable
IARC:	Not identified as carcinogenic.
- POTENTIAL HEALTH EFFECTS: No toxic properties have been detected

## 12. ECOLOGICAL INFORMATION

- 12.1 TOXICITY: No negative effect
- 12.2 PERSISTENCE AND DEGRADABILITY: Fully biodegradable
- 12.3 BIOACCUMULATIVE POTENTIAL: Does not accumulate in living organisms
- 12.4 MOBILITY IN SOIL: Not applicable
- 12.5 RESULTS OF PBT AND VPVB ASSESSMENT: Not PBT or vPvB
- 12.6 OTHER ADVERSE EFFECTS: None

## 13. DISPOSAL CONSIDERATION

- 13.1 WASTE TREATMENT METHODS
 

Waste must be disposed of in accordance with the local, regional and national environmental regulations.  
Not dangerous waste

## 14. TRANSPORT INFORMATION

Not dangerous goods

## 15. REGULATORY INFORMATION

- 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE
 

Regulation (EC) No 1907/2006	(REACH)
Regulation (EC) No 1272/2008	(CLP/EU-GHS)
Regulation (EC) No 1223/2009	(Cosmetic Regulation)
- 15.2 CHEMICAL SAFETY ASSESSMENT
 

Not classified as a dangerous substance or mixture according to the CLP/EU-GHS.

## 16. OTHER INFORMATION

### 16.1 EXPLANATORY NOTES

STOT	specific target organ toxicity
SE	single exposure
RE	repeated exposure
IARC	International Agency for Research on Cancer
INCI	International Nomenclature of Cosmetics Ingredients
PBT	persistent, bio-accumulative, toxic for reproduction
vPvB	very persistent, very bio-accumulative

### 16.2 REVISIONS

Revision 01: structure modified according to the requirements of the Regulation (EC) No 1907/2006  
Revision 02: editorial changes, change in the name of the manufacturer, design changes  
Revision 03: Editorial change in storage conditions  
Revision 04: change in the name of the manufacturer