

HYALURONIC ACID 1% – SAFETY DATA SHEET
SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING
PRODUCT IDENTIFIER

Product name / Other Names	Hyaluronic Acid 1% / Sodium Hyaluronate Solution 1%, Hyaluronic Acid, Sodium Salt
Relevant uses	Widely used in high-grade cosmetics, eye drops, health food.

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier name	Pure Ingredients Ltd
Address	21b Akatea Road, Glendene, Auckland 0602 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	info@pureingredients.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	Not Available
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION
2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No.1272 / 2008 [EU-GHS/CLP]. This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label Elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

Hazard statement(s) This substance is not classified as dangerous according to Directive 67/548/EEC.

Precautionary statement(s) Not available.

2.3 Other hazards - none
SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

INCI Name	Conc%	CAS Number	EC Number	Formula	Molecular
Sodium Hyaluronate	1.0%	9067-32-7	232-678-0	(C ₁₄ H ₂₀ NNaO ₁₁) _n	236.34 g/mol

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Eye Contact	Flush eyes with water as a precaution.
Skin Contact	Wash off with plenty of water.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water

SECTION 5 FIREFIGHTING MEASURES

- 5.1 Extinguishing media/ Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.2 Special hazards arising from the substance or mixture: Nature of decomposition products not known.
- 5.3 Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.
- 5.4 Further information: No data available

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SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures: Avoid dust formation. Avoid breathing vapours, mist or gas.
- 6.2 Environmental precautions: Do not let product enter drains.
- 6.3 Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal
- 6.4 Reference to other sections: For disposal see section 13.

SECTION 7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling: Provide appropriate exhaust ventilation at places where dust is formed.
- 7.2 Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Recommended storage temperature: 0 °C - +4°C
- 7.3 Specific end uses: No data available

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters: Components with workplace control parameters
- 8.2 Exposure controls/Appropriate engineering controls: General industrial hygiene practice.
- 8.3 Personal protective equipment

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). **Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. **Body Protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. **Respiratory protection:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form: solution	Flash point	no data available
Colour	transparent colourless	Evaporation rate	no data available
Odour Threshold	no data available	Flammability (solid, gas)	no data available
pH	6.0 – 8.0	Vapour pressure	no data available
Melting point/freezing point	no data available	Vapour density	no data available
Relative density	no data available	Water solubility	ca.5 g/l
Decomposition temperature	no data available	Autoignition temperature	no data available
Viscosity	no data available	Partition coefficient: n-octanol/water	no data available
Explosive properties	no data available	Oxidizing properties	no data available
Initial boiling point and boiling range	no data available	Upper/lower flammability or explosive limits	no data available

SECTION 10 STABILITY AND REACTIVITY

- 10.1 Reactivity: No data available
- 10.2 Chemical stability: No data available
- 10.3 Possibility of hazardous reactions: No data available
- 10.4 Conditions to avoid: No data available
- 10.5 Incompatible materials: Strong oxidizing agents
- 10.6 Hazardous decomposition products: Other decomposition products - no data available

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SECTION 11 TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects: The toxicological properties of this material have not been fully investigated.
- 11.2 Acute toxicity: Not available.
- 11.3 Skin corrosion/irritation: no data available
- 11.4 Serious eye damage/eye irritation: no data available
- 11.5 Respiratory or skin sensitization: no data available
- 11.6 Germ cell mutagenicity: no data available
- 11.7 Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
- 11.8 Reproductive toxicity: no data available
- 11.9 Specific target organ toxicity - single exposure: no data available
- 11.10 Aspiration hazard: no data available
- 11.11 Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion Safe to be swallowed.
Skin Safe to skin Eyes May causes eye redness.
- 11.12 Signs and Symptoms of Exposure To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
- 11.13 Additional Information: RTECS: Not available

SECTION 12 ECOLOGICAL INFORMATION

- 12.1 Toxicity no data available
- 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 no data available
- 12.6 Other adverse effects no data available

SECTION 13 DISPOSAL CONSIDERATION

- 13.1 Waste treatment methods Product: Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging Dispose of as unused product.

SECTION 14 TRANSPORT INFORMATION

- | | | |
|---|---------------------------|----------|
| 14.1 UN number | | |
| ADR/RID: - | IMDG: - | IATA: - |
| 14.2 UN proper shipping name | | |
| ADR/RID: Not dangerous goods | | |
| IMDG: Not dangerous goods | | |
| IATA: Not dangerous goods | | |
| 14.3 Transport hazard class(es) | | |
| ADR/RID: - | IMDG: - | IATA: - |
| 14.4 Packaging group | | |
| ADR/RID: - | IMDG: - | IATA: - |
| 14.5 Environmental hazards | | |
| ADR/RID: no | IMDG Marine pollutant: no | IATA: no |
| 14.6 Special precautions for user no data available | | |

SECTION 15 REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture no data available
- 15.2 Chemical Safety Assessment no data available

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material. SA163 v01 13-12-2019, hyaluronicacid1%