1 Identification:

Product identifier: **COSCARE-H ACID**
INCI name: Sodium hyaluronate
Recommended use and restriction on use
Recommended use: cosmetics Industry formulations
Industrial sector: Chemical Industry
Company Name: Nano Tech Chemical Brothers Pvt. Ltd.
Vill. Mangarh, P.O. Kohara, Chandigarh Road Ludhiana-141112 INDIA
Mobile No.: 9041060304

2.Hazards Identification:

Classification of the substance or mixture:
The product has been classified according to the legislation in force.
Classification according to Regulation (EC) No 1272/2008 as amended.
Classification according to Directive 67/548/EEC or Directive 1999/45/EC:
Not applicable
Label Elements
Not applicable.
Signal Words: Not applicable
Hazard Statement(s):
Not applicable
Precautionary Statements
Not applicable
Other hazards:
Not applicable
Results of PBT and vPvB assessment:
PBT: Not applicable
vPvB: Not applicable
3. Composition/ Information on Ingredients:

Substances: This product is a mixture.

Description: Mixture of the substances listed below with non hazardous addition.

Dangerous components: Not applicable

Product Name	CAS No	EINECS No.	Concentration
Sodium Hyaluronate	9067-32-7	168-620-0	≥95%

4. First aid measures

Description of first aid measures
Inhalation:
Supply fresh air; consult doctor in case of complaint.
Skin Contact:
In case of contact with skin Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Eye contact:
In case of contact with eyes Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Ingestion:
Wash out mouth with water, Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Protection of first-aiders:
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

5. Firefighting measures:

Extinguishing media
Suitable extinguishing media:
foam, carbon dioxide, dry powder, water spray.
Unsuitable extinguishing media:
Full water jet
Special hazards arising from the substance or mixture:
In the event of fire, the following can be released: - carbon dioxide, carbon monoxide Under certain conditions of combustion traces of other toxic substances cannot be excluded
Advice for firefighter's Special firefighting procedures:
Protective equipment:
Wear fully protective suit.
Special protective equipment for fire-fighters:
Do not inhale explosion and/or combustion gases Self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Ensure adequate ventilation.\Avoid contact with skin.
Use respiratory protective device against the effects of fumes/dust/aerosol. Avoid contact with eyes.
For non-emergency personnel:
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders:
If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental Precautions:
Do not allow to enter sewers/surface or ground water.
Methods and material for containment and cleaning up:
Pick up mechanically.

7. Handling and storage:
Precautions for safe handling:
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
Avoid contact with eyes
Information about fire and explosion protection:
Normal measures for preventive fire protection.
Storage:
Condition for safe storage, including any incompatibilities.
Requirements to be met by storerooms and receptacles: Store in a cool location.
Information about storage in one common storage facility:
Store away from foodstuffs.
Store away from oxidizing agents.
Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles. Specific end use(s) : No further relevant information available.

8. Exposure controls Appropriate Engineering Controls:
Additional information about design of technical facilities:
No further data; see item 7.
Control Parameters:
-Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
-DNELs: Data not available.
-PNECs: Data not available.
-Additional information:
The lists valid during the making were used as basis.
Exposure controls:
-Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure Personal protective equipment
-General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
-Respiratory protection: Suitable respiratory protective device recommended.
Protection of hands:
The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

-Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

-Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacture. As the product is a preparation of several substance, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

-Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

-Eye protection: Safety glasses.

9. Physical and Chemical Properties:

-Information on basic physical and chemical properties General Information Appearance:

Form	: Powder
Colour	: White
Odour	: Odourless
Odour threshold	: Data not available.
pH value	: 5.0-8.5
Melting point/Melting range	: Data not available.
Freezing point	: Data not available.
Boiling point/Boiling range	: Data not available.
Flash point	: Data not available.
Flammability (solid gaseous)	: Product is not flammable.
Auto-ignition temperature	: Data not available.
Decomposition temperature	: Data not available
Self-igniting	: Product is not self- igniting.
Explosive properties	: Product does not present an explosion hazard
Explosion Limits	
Lower	: Data not available.
Upper	: Data not available.
Oxidising Agent	: Data not available.
Vapour Pressure	: Data not available.
Evaporation rate	: Data not available.
Solubility	: Water Soluble.
Partition Coefficient (n- octanol/water)	: Data not available.
Viscosity	
Dynamic	: Data not available.
Kinematics	: Data not available.
Other Information	: No further relevant information available.
Refractive Index	: Data not available.

10. Stability and reactivity

Reactivity:

No decomposition if used according to specifications.

Chemical Stability:

Stable under normal conditions.

Possibility of hazardous reactions:
No dangerous reactions known.
Conditions to avoid:
No specific data.
Incompatible Materials:
No specific data.
Hazardous Decomposition Products
No dangerous decomposition products own.

11. Toxicological information

Information on toxicological effects
Acute toxicity
LD/LC50 values relevant form classification:
No further relevant information available.
Primary irritant effect
On the skin: Irritating effect possible.
On the eye: Irritating effect possible.
Sensitization:
Not sensitization possible.
Acute effect (acute toxicity, irritation and corrosivity):
No further relevant information available.
Toxicokinetics, metabolism and distribution:
No further relevant information available.
Repeated dose toxicity:
No further relevant information available.
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):
No further relevant information available.

12. ECOLOGICAL INFORMATION:

Toxicity
Aquatic toxicity:
No further relevant information available.
Persistence and degradability:
No further relevant information available. Behaviour in environmental systems
Bioaccumulative potential:
No further relevant information available.
Mobility in soil:
No further relevant information available.
Additional ecological information:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous form water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Results of PBT and vPvB assessment PBT: Not applicable
vPvB: Not applicable
Other adverse effects: No further relevant information available.

13. Disposal considerations

Waste treatment methods

General information:
No data available.
Disposal methods:
The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all Printed Date: 12 February 2025 Revision: 1.02 / Revision Date: 01 July 2024 Page 12 of 15 authorities with jurisdiction.
Hazardous waste:
The classification of the product may meet the criteria for a hazardous waste.
Contaminated Packaging:
Methods of disposal:
The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14.Transport Information:

UN Number: Not dangerous for transport

Shipping name of the United Nations: See sub-section 1.1

Ranking (s) safe for transport:
This product is classified non-hazardous for road transport.
This product is classified non-hazardous for sea transport.
This product is classified non-hazardous for air transport.

Packing group	: Not applicable
Hazard (s) Environment	: see section 12
Special precautions for user	: See sections 6, 7, 8 and 13 Bulk
Transport	: Not applicable.

15.Regulatory Information:

regulations / legislation specific: EU classification: Not classified as dangerous according to Regulation (EC) Nr.1272/2008 (CLP).
Evaluation of chemical safety: no chemical assessment has been conducted

16. Other Information:

NFP Hazard Code:

Health: 1	Fire: 1	Reactivity: 0 Special: None

HMIS III Rating

Health: 1	Flammability: 1	Physical Hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating system is intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

This information is based on our knowledge. However, this shall not constitute guarantee for any specific product features and shall not establish legally valid contractual relationship.