



Date of issue: 22 August 2024

Revision date: 22 August 2024

Revision: 09

HyaSphereX™ SAFETY DATA SHEET

1 Identification of the substance/ mixture and of the company

Product Name : HyaSphereX™**Description** : Preservative Free**Company's Information****Name:** Nabsolute Co., Ltd.**Address:** 36 Sabbasastravicaya Bld. 2 floor, Soi Chulalongkorn 62
Faculty of Pharmaceutical sciences, Chulalongkorn
University, Pathumwan, Bangkok 10330 THAILAND**E-mail:** Nabsolute.th@gmail.com**Tel no.:** +66 8 2325 7279**Manufacturer's Information****Name:** Nabsolute Co., Ltd.**Address:** 36 Sabbasastravicaya Bld. 2 floor, Soi Chulalongkorn 62
Faculty of Pharmaceutical sciences, Chulalongkorn
University, Pathumwan, Bangkok 10330 THAILAND

2 Hazards identification

Classification of the substance or mixture

Not a hazardous substance or mixture.

3 Composition/information on ingredients.

CAS No.	INCI Name
959867-66-4	Hyaluronic acid/ Poly isopropylacrylamide copolymer
7732-18-5	Water

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment.



NABSOLUTE

Date of issue: 22 August 2024**Revision date:** 22 August 2024**Revision:** 09

4 First aid measures

Description of first aid measures

General information:	Immediately remove any clothing soiled by the product.
After inhalation:	Supply fresh air; consult doctor in case of complaints. In case of unconsciousness place patient stably inside position for transportation.
After skin contact:	Immediately wash with water and soap and rinse thoroughly.
After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	Drink plenty of water and provide fresh air. Call for a doctor immediately.

Information for doctor

Most important symptoms and effects, both acute and delayed: No further relevant information available.

5 Firefighting measures

Extinguishing media

Suitable extinguishing agents: Carbon dioxide (CO₂). Dry powder. Water spray. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of use fire extinguishing methods suitable to surrounding conditions.

Special hazards arising from the substance or mixture: During heating or in case of fire poisonous gases may be produced.

Advice for firefighters:

Protective equipment: Protective equipment as required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

- Wear protective equipment.
- Keep unprotected persons away.

Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

- Absorb remaining liquid in inert absorbent. Wash away remainder with plenty of water.
- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).



NABSOLUTE

Date of issue: 22 August 2024 **Revision date:** 22 August 2024 **Revision:** 09

- Dispose contaminated material as waste according to item 13.

Reference to other sections:

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

7 Handling and storage

Handling:

Precautions for safe handling: If ingested, seek medical advice immediately and show the container or the label.

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Not required.

Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters: Contains no substances with occupational exposure limit values.

General protective and hygienic measures:

- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
- Store protective clothing separately.
- Avoid contact with the eyes.

Appropriate engineering controls: Provide local exhaust or general room ventilation.

Personal protective equipment: Emergency eye wash fountains should be available in the immediate.

Hand protection: Nitrile rubber gloves.

Eye protection: Chemical goggles. Contact lenses should not be worn.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Not applicable.



NABSOLUTE

Date of issue: 22 August 2024

Revision date: 22 August 2024

Revision: 09

9 Physical and chemical properties

Appearance:	Liquid
Color:	Colorless
Odor:	Odorless
Odor threshold:	Not applicable
pH-value:	4.00 – 7.00

Change in condition

Melting point/freezing point: Not applicable

Initial boiling point and boiling range: Not applicable

Flash point:	Not applicable
Flammability (solid, gas):	Not applicable
Decomposition temperature:	210°C
Auto-ignition temperature:	Not applicable
Explosive properties:	Product is not explosive

Explosion limits

Lower: Not applicable

Upper: Not applicable

Vapour pressure:	Not applicable
Density/ Specific gravity:	0.9730 g/cm ³
Relative density:	Not applicable
Vapour density:	Not applicable
Evaporation rate:	Not applicable
Solubility in water:	Freely soluble
Partition coefficient: n-octanol/water:	Not applicable
Viscosity:	3.1 cP (at 26.5°C)
Solvent content:	No organic solvent content. Aqueous only
Other information:	No further relevant information available

10 Stability and reactivity

Reactivity:	No data available
--------------------	-------------------



NABSOLUTE

Date of issue: 22 August 2024 **Revision date:** 22 August 2024 **Revision:** 09

Chemical stability: Stable under recommended storage conditions.

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No data available

Conditions to avoid: Open container with possible particulate matter and microorganism contaminations.

Incompatible materials: Strong base (pH > 10)

Hazardous decomposition products: No further relevant information available

11 Toxicological information

Information on toxicological effects

Acute toxicity:

Oral:	No data available
Inhalation:	No data available
Dermal:	No data available. (Tested safe up to 20× in human)

Skin corrosion/irritation: Non-irritant (20×)

Eye damage/irritation: Non-irritant

Skin sensitization: Hypoallergenic (Non-sensitization) (20×)

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

In-vitro toxicity:

Primary human keratinocytes (HaCaT) : No toxicity (cell viability > 80%) (20×)

Human fibroblasts (BJ) : No toxicity (cell viability > 80%) (20×)

Human Corneal Epithelial Cells (HCEC) : No toxicity (cell viability > 80%) (20×)

Murine Melanoma cells (B16-F10) : No toxicity (cell viability > 80%) (>5% v/v)



NABSOLUTE

Date of issue: 22 August 2024

Revision date: 22 August 2024

Revision: 09

12 Ecological information**Toxicity****Aquatic toxicity:** No further relevant information available**Long term toxicity:** No further relevant information available**Persistence and degradability:** No further relevant information available**Bioaccumulative potential:** No further relevant information available**Mobility in soil:** No further relevant information available**Results of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable**Other adverse effects:** No further relevant information available**13 Disposal considerations**

Disposal must be made according to official regulations.

14 Transport information**DOT:** Not regulated**TDG:** Not regulated**IATA:** Not regulated**IMDG/IMO:** Not regulated**15 Regulatory information****TSCA Inventory Status:** This material is intended to be used as a cosmetic ingredient and is exempt from Toxic Substances Control Act (TSCA) regulation (40 CFR 710) when used as such. Do not use for other purposes.**REACH:** Not list**WHMIS (Canada):** Not list**16 Other information**

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