



MSDS Report

Date: 2026-06-08

Report No.: CTGS2606020047M

MSDS Report

Material Safety Data Sheet

Report No.: CTGS2606020047M

Product: lyophilized powder

Model No.: NJ100,NJ500,NJ1000

Brand: N/A

Prepared for: Hunan Moyashili Supply Chain Co., Ltd

Address: No. 539 Yuanda Road, Huoxing Street, Furong District, Changsha City, Hunan Province, Building AB2, No. 411, 412, 413, 414 (cluster registration)

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MSDS Report

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Report No.: CTGS2606020047M

SAFETY DATA SHEET (MSDS) (according to ISO 11014: 2009)

SECTION 1: Identification of Product and Supplier

1.1 Identification of the substance or preparation

Product Name: lyophilized powder

Sample Model No.: NJ100,NJ500,NJ1000

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the preparation: N/A

1.3 Company / undertaking identification

Manufacturer: Hunan Moyashili Supply Chain Co., Ltd

Address: No. 539 Yuanda Road, Huoxing Street, Furong District, Changsha City, Hunan Province, Building AB2, No. 411, 412, 413, 414 (cluster registration)

Tel: --

Fax: --

E-mail: --

1.4 Emergency telephone

Emergency telephone number: [Weekday] --

[Night and holiday] --

SECTION 2: Hazards Identification

Emergency Overview

Appearance: powder

Color: White

Not a hazardous substance or mixture.

2.1 GHS Classification

Not a hazardous substance or mixture.

2.2 GHS label elements

Not a hazardous substance or mixture.

2.3 Physical and chemical hazards:

Not classified based on available information.

2.4 Health hazards:

Not classified based on available information.



MSDS Report

Date: 2026-06-08

Report No.: CTGS2606020047M

2.5 Environmental hazards:

Not classified based on available information.

2.6 Other hazards:

None known.

SECTION 3: Composition / Information on Ingredients

Substance / Mixture : Mixture

3.1 Information about the chemical nature of product :

Common chemical name / General name	CAS No.	EINECS No.	Concentration (range)	GHS Classification
TNicotinamide Adenine Dinucleotide (NAD+)	53-84-9	200-184-4	98%	Not Classified
Mannitol	69-65-8	200-711-8	1.5%	Not Classified
Trehalose	99-20-7	202-739-6	0.45%	Not Classified
Aqua (Water)	7732-18-5	231-791-2	≤0.05%	Not Classified

SECTION 4: Emergency measures

4.1 Description of first-aid measures

General advice: Show this material safety data sheet to the doctor in attendance.

Eye contact : Rinse out with plenty of water.

Remove contact lenses.

Skin contact : Take off immediately all contaminated clothing.

Rinse skin with water/ shower.

Inhalation : If breathed in, move person into fresh air.

Ingestion : Make victim drink water (two glasses at most).

Consult doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available



MSDS Report

Date: 2026-06-08

Report No.: CTGS2606020047M

4.4 Notes to physician

No data available

SECTION 5: Fire Fighting Measures

5.1 Extinguishing Media:

Suitable extinguishing media

Water spray, Foam; Carbon dioxide (CO₂); Dry power

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture :

Carbon oxides

5.3 Advice for firefighters:

In the event of fire, wear self-contained breathing apparatus.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

5.4 Further information :

No data available

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation of dusts.

Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

6.2 Environmental Precautions:

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains.

Collect, bind, and pump off spills.

Observe possible material restrictions (see sections 7 and 10).

Take up dry.

Dispose of properly.

Clean up affected area.



MSDS Report

Date: 2026-06-08

Report No.: CTGS2606020047M

Avoid generation of dusts.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling:

For precautions see section 2.2.

Avoidance of contact

Strong oxidizing agents

7.2 Conditions for safe storage, including any incompatibilities:

Storage conditions

Tightly closed. Dry.

7.3 Specific end use(s):

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Access Controls / Personal Protection

8.1 Control parameters

Ingredients with workplace control parameters

8.2 Exposure controls

No data available.

Personal Protective Equipment:

Eye/face protection

Safety glasses.

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and Body 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 Regulation (EU) 2016/425 and the standard EN 374 derived from it. If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the EC approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.



MSDS Report

Date: 2026-06-08

Report No.: CTGS2606020047M

Respiratory protection

Required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Recommended Filter type: Filter type P1

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Control of environmental exposure

Do not let product enter drains.

SECTION 9: Physical and Chemical Properties

a) Appearance:	powder
b) Color :	White
c) Odor:	nothing
d) Odor Threshold :	No data available
e) pH :	No data available
f) Melting point :	No data available
g) Boiling point /boiling range:	No data available
h) Flash point:	No data available
i) Evaporation rate:	No data available
j) Flammability (solid, gas):	No data available
k) Flammability (Liquids):	No data available
l) Burning rate:	No data available
m) Upper explosion limit / Upper flammability limit	No data available
n) Lower explosion limit / Lower flammability limit	No data available
o) Vapor Pressure:	No data available
p) Relative Vapor Density:	No data available
q) Relative density:	No data available
r) Density:	No data available
s) Water solubility:	No data available
t) Partition coefficient: n- octanol / water	No data available



MSDS Report

Date: 2026-06-08

Report No.: CTGS2606020047M

- | | |
|-------------------------------|-------------------|
| u) Ignition Temperature: | No data available |
| v) Decomposition temperature: | No data available |
| w) Viscosity: | No data available |
| x) Explosive properties: | No data available |
| y) Oxidizing properties : | No data available |

SECTION 10: Stability and Reactivity

10.1 Reactivity: No data available

10.2 Chemical Stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions :

No data available

10.4 Conditions to Avoid: No information available

10.5 Incompatible materials :

Strong oxidizing agents

10.6 Hazardous decomposition products :

In the event of fire: see section 5

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

Oral: No data available

Inhalation: No data available

Dermal: No data available

Skin Corrosion / irritation

No data available

Serious eye damage/eye irritation:

No data available

Respiratory or skin sensitisation :

No data available



MSDS Report

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Report No.: CTGS2606020047M

Germ cell mutagenicity

No data available

Carcinogenicity:

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

11.2 Additional Information

Other dangerous properties can not be excluded.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 12: Ecological Information

12.1 Toxicity:

Mixture: 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

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data available

SECTION 13: Waste handling

13.1 Waste treatment methods

Product

**MSDS Report**

Date: 2026-06-08

Report No.: CTGS2606020047M

No data available

SECTION 14: Transport Information

According per the packaging instructions of International Air Transport Association DGR 67th(2026).

The products is not restricted to IMO IMDG Code(Amdt 42-24)

14.1 UN number :

ADR/RID: --

IMDG: --

IATA: --

14.2 UN proper shipping name:

ADR/ RID: Not dangerous goods

IMDG/ IMO: Not dangerous goods

IATA/ ICA: Not dangerous goods

14.3 Transport hazard class(es) :

Label: --

ADR/RID: --

IMDG: --

IATA: --

14.4 Packaging group :

ADR/RID: --

IMDG: --

IATA: --

14.5 Environmental hazards :

ADR/RID: no

IMDG: no

IATA: no

14.6 Special precautions for user:

Not classified as dangerous in the meaning of transport regulations.

14.7 Maritime transport in bulk according to IMO instruments:

Not applicable for product as supplied.

SECTION 15: Regulation Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of OSHA 29 CFR 1910.1200.

National regulatory information**Law on the Prevention and Control of Occupational Diseases****Regulations on Safety Management of Hazardous Chemicals**

Catalogue of Specially Controlled Hazardous Chemicals:

Not listed



MSDS Report

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Report No.: CTGS2606020047M

List of Explosive Precursors:

Not listed

Regulation on the Administration of Precursor Chemicals

Catalogue and Classification of Precursor Chemicals:

Not listed

Regulations on the Administration of Controlled Chemicals

List of Controlled Chemicals:

Not listed

Regulations of Ozone Depleting Substances Management

List of Controlled Ozone Depleting Substances:

Not listed

List of Controlled Ozone Depleting Substances Import and Export:

Not listed

Environmental Protection Law

List of Priority Controlled Chemicals:

Not listed

List of Key Controlled New Pollutants:

Not listed

SECTION 16: Other Information

The information contained in this Safety data sheet is based on the present state of knowledge and current legislation.

Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use.

This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

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----- END OF REPORT -----