



诸城市浩天药业有限公司

ZHUCHENG HAOTIAN PHARM CO., LTD.
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Safety Data Sheet

According to Regulation (EC) No. 1907/2006 ,1272/2008
Print Date 01.01.2023
Revision according to (EU) 2020/878
Trade name: INOSITOL/MYO-INOSITOL

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Substance name: INOSITOL/MYO-INOSITOL

CAS No.:87-89-8

REACH Registration No:A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Application of the substance : Additives for pharm/feed/food

1.3 Details of the supplier of the safety datasheet:

Manufacturer:

Zhucheng Haotian Pharm Co.,Ltd.

Xinxing Town,Zhucheng City,Shandong Province,262218,China

Tel: 86 536 6520115

Fax:86 536 6523666

info@howtiangroup.com

1.4 Emergency Telephone Number:

Emergency Phone# 86 536 6520205

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.

This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements

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

2.3 Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.1 Mixtures: Not Applicable

3.2 Substances

Synonyms: 1,2,3,4,5,6-Hexahydroxycyclohexane
i-INOSITOL/MYO-INOSITOL
meso-INOSITOL/MYO-INOSITOL

Formula : C₆H₁₂O₆

Molecular weight : 180,16 g/mol

CAS-No. : 87-89-8

EC-No. : 201-781-2

INOSITOL/MYO-INOSITOL ≥ 97%, Ash/Water ≤ 3%

No components need to be disclosed according to the applicable regulations.





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SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical treatment

4.2 Most important symptoms and effects, both acute and delayed :Not available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

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

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures :

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

No special environmental precautions required.

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

Information for safe handling:

Prevent from formation dust. Ensure good ventilation/exhaustion at the workplace

Information about fire-and explosion protection:

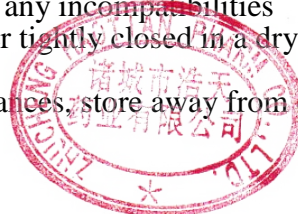
Keep ignition sources away-Do not smoke.

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Store away from flammable substances, store away from oxidizing agents





Incompatibilities: No data available

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

Ingredients with limit values that required monitoring at the workplace: Not required.

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards.

Hands protection

Handle with gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The glove material has to be impermeable and resistant to the product/the substance/the preparation.

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

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 dust masks. Use respirators and components tested and approved under appropriate government standards

Control of environmental exposure

No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- | | | |
|---|---------------------------|----------------------------------|
| a) Appearance | Form: powder, crystalline | |
| | Colour: white | |
| b) Odour | Odourless | |
| c) Odour Threshold | | No data available |
| d) pH | | No data available |
| e) Melting point/freezing point | | Melting point/range: 224 -227 °C |
| f) Initial boiling point and boiling range | | No data available |
| g) Flash point | | No data available |
| h) Evaporation rate | | No data available |
| i) Flammability (solid, gas) | | No data available |
| j) Upper/lower flammability or explosive limits | | No data available |
| k) Vapour pressure | | No data available |
| l) Vapour density | | No data available |
| m) Relative density | | No data available |



n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available
9.2 Other safety information	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity	No data available
10.2 Chemical stability storage conditions.	Stable under recommended
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. In the event of fire: see section 5	

SECTION 11: Toxicological information

11.1 Information on on hazard classes	
Acute toxicity	LD50 Oral -Mouse -
10.000 mg/kg	
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitisation	No data available
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 on other hazards	
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 Endocrine disrupting properties	No data available
12.7 Other adverse effects	No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods	
Recommendation:	
Must not be disposed together with household garbage.	
Do not allow product to reach sewage system	





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Contaminated packaging:
Disposal must be made according to official regulations

SECTION 14: Transportation 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
- 14.7 Maritime transport in bulk
ADR/RID: - IMDG: - IATA: -

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available
- 15.2 Chemical Safety Assessment
For this product a chemical safety assessment was not carried out

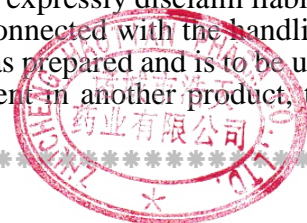
SECTION 16: Other information

Section 16 is for communicating when the most recent update was made, and any other useful information not included anywhere else in the SDS. Information to record here includes when the SDS was prepared, the last known revision date, and where changes were made in the most recent revision.

The contents and format of this MSDS/SDS are in accordance with REGULATION (EC) No 1271/2008, REGULATION (EC) No 1907/2006 and EU Commission Directive 1999/45/EC.67/548/EEC.

DISCLAIMER OF LIABILITY:

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.





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Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the international Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses
par chemin de fer (Regulation Concerning the International Transport of Dangerous
Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LD 50: Lethal dose. 50 percent

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