

SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 453/2010)

Version 4
Product Name Vitamin B6 (Pyridoxine Hydrochloride)

Issue Date 30-May-2023
Revision date 30-May-2023

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

1.1. Product identifier

Product Name Vitamin B6 (Pyridoxine Hydrochloride)

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

Recommended Use Widely used in food, feed
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier XINFA PHARMACEUTICAL Co., Ltd.
Address East of Huafeng Road,South of Beiwaihuan,Kenli Development Zone,Dongying
City(Formerly East Huangdian, Kenli Town)
Postal Code 257500
Phone +86-546-2977666
FAX +86-546-2977808
E-mail exp@sdxinfa.cn

1.4. Emergency telephone number

+86-546-2977588

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not a dangerous substance or mixture according to Regulation (EC) No. 1272/2008 [CLP]

2.2. Label elements

Symbols/Pictograms None
Signal word None
Hazard Statements Not applicable
Precautionary Statements Not applicable

2.3. Other hazards

Avoid inhalation.

SECTION 3: Composition/information on ingredients

3.1. Substance

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Vitamin B6	200-386-2	58-56-0	99.2	Not classified
Water	231-791-2	732-18-5	0.8	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

If symptoms persist, call a physician.

Inhalation

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

Skin Contact

Rinse with plenty of water and soap. Consult a physician.

Eye contact

Rinse with water as a precaution.

Ingestion

Rinse mouth with water. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable fire extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride.

5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures**6.1. Individual precautions**

Use personal protective equipment.
Avoid dust formation.
Avoid breathing vapors, mist or gas.
Avoid breathing dust.

6.2. Environmental precautions

Do not let product enter drains.

6.3. Procedure of cleaning/take up

Pick up and arrange disposal without creating dust.
Sweep up and shovel.
Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

See Section 7 for more information
See section 8 for more information
See section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice
Provide appropriate exhaust ventilation at places where dust is formed. Ensure adequate ventilation, especially in confined areas
Avoid formation of dust and aerosols
Avoid contact with skin, eyes or clothing
Wash contaminated clothing before reuse
Take precautionary measures against static discharges
Do not breathe dust/fume/gas/mist/vapors/spray
Do not eat, drink or smoke when using this product
Wash thoroughly after handling
Normal measures for preventive fire protection
Use personal protection recommended in Section 8

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place
Keep away from heat
Keep at a temperature not exceeding 30 °C
Store in accordance with local regulations

7.3. Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components with workplace control parameters

Derived No Effect Level (DNEL)

No hazard identified

Predicted No Effect Concentration (PNEC)

No hazard identified

8.2. Exposure controls

Engineering Controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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).

Hand 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.

Skin and 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).

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Crystalline or crystalline powder
Color	White or almost white
Odor	Odorless
Odor Threshold	Not determined
pH (100 g/l water)	2.4-3.0
Melting point	205°C
Boiling point / boiling range	No data
Flash point	No data
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Flammability Limit in Air	Not determined
Vapor Pressure	No data
Vapor density	Not determined
Bulk Density	No data available
Relative density	Not determined
Specific gravity	Not determined
Water solubility	Freely soluble in water
Solubility in other solvents	Slightly soluble in alcohol
Partition coefficient (LogPow)	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive properties	Not an explosive
Oxidizing properties	Not determined

9.2. Other information

No information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

No information available.

Skin corrosion/irritation

Non-irritating to the skin.

Serious eye damage/eye irritation

No eye irritation.

Sensitization

No sensitization responses were observed.

Germ cell mutagenicity

No information available.

Carcinogenicity

Not classified.

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substance is not PBT / vPvB.

12.6. Other adverse effects

Product should not get into water without pre-treatment in an adapted, biological sewage work.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products Waste disposal must be in accordance with appropriate local regulations. Do not re-use empty containers.
Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

14.1 UN Number	Not applicable
14.2 Proper shipping name	Not applicable
14.3 Hazard Class	Not regulated
14.4 IMDG /IMO	Not regulated
14.5 Packing Group	Not regulated
14.6 Environmental hazards	Not applicable
14.7 Special precautions	No information available
14.8 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International Inventories

Component	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Vitamin B6	X	X	X	X	X	X	X	X
Water 7732-18-5	X	X	X	-	X	X	X	X

"-" Not Listed

"X" Listed

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

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

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Revision Note Regularly update

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Full text of H-Statements referred to under section 3

Not classified

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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