

# SAFETY DATA SHEET

Version 3  
Product Name D-Calcium Pantothenate

Issue Date 08-Jun-2020  
Revision date 08-Jun-2020

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

### 1.1. Product identifier

Product Name D-Calcium Pantothenate

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

Recommended Use Widely used in medicine, food, feed, cosmetics and liquid formulations.  
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) Shandong Province  
Postal Code 257500  
Phone +86-546-2977666  
FAX +86-546-2977808  
E-mail exp@sdxinfo.cn

Importer  
Address  
Postal Code  
Phone  
FAX  
E-mail

### 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

Inhalation, Skin Contact, Eye Contact, Ingestion  
First aid measures see the SECTION 4

## 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]
D-Calcium Pantothenate	205-278-9	137-08-6	98.0~102.0	Not classified
β-alanine	203-536-5	107-95-9	≤1	Not classified
methanol	212-378-6	67-56-1	≤0.3	Not classified

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General advice

If symptoms persist, call a physician. The Precautionary Councils is placed.

#### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

#### Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

#### Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Ingestion

Rinse mouth Get medical attention Never give anything by mouth to an unconscious person

### 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 extinguishing media

Water spray (fog). Extinguishing powder. Alcohol resistant foam. Dry chemical.

#### Unsuitable extinguishing media

No information available

### 5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors

### 5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas  
Ensure adequate ventilation, especially in confined areas  
Remove all sources of ignition  
Avoid contact with skin, eyes and inhalation of vapors  
Use personal protection recommended in Section 8

#### 6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained  
Prevent entry into waterways, sewers, basements or confined areas

#### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13)

#### 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  
Ensure adequate ventilation, especially in confined areas  
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  
Use personal protection recommended in Section 8

#### 7.2. Conditions for safe storage, including any incompatibilities

There is no limited requirement for temperature and humidity. Preserve in tight containers, protected from moisture & light, in a cool place.  
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

No data available

##### Derived No Effect Level (DNEL)

No hazard identified

##### Predicted No Effect Concentration (PNEC)

No hazard identified

#### 8.2. Exposure controls

##### Engineering Controls

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

Eye/face protection	Wear safety glasses with side shields (or goggles)
Hand Protection	Wear protective nitrile rubber gloves Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves
Skin and body protection	Suitable protective clothing
Respiratory protection	No special technical protective measures are necessary

**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	Powder
Color	A white or almost white
Odor	Odorless
Odor Threshold	Not determined
pH	6.8-8.0
Melting point/freezing point	196°C
Specific optical rotation	+ 25.5 -+ 27.5
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
Density	about 0.3g/mL (25/4°C)
Relative density	Not determined
Specific gravity	Not determined
Water solubility	Freely soluble in water
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 normal 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. Strong acids. Strong bases.

**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**

No information available

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

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations

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 regulated

14.2 Proper shipping name Not regulated

14.3 Hazard Class Not regulated

14.4 Packing Group Not regulated

14.5 Environmental hazards Not applicable

14.6 Special precautions No information available

14.7 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
D-Calcium Pantothenate 137-08-6	X	X	X	X	X	X	X	X
β-alanine 107-95-9	X	X	X	-	X	X	X	X
Methanol 67-56-1	X	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**

<b>Issue Date</b>	08-Jun-2020
<b>Revision date</b>	08-Jun-2020
<b>Revision Note</b>	Not applicable

**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.

----- End of Safety Data Sheet -----

Date: 2020. 06. 20