



Material Safety Data Sheet

Risedronate sodium

Section 1 - Chemical Product and Company Identification

MSDS Name: Risedronate sodium

Company Identification:

Hangzhou Dingyan Chem Co., Ltd

Xiasha 571, 19TH Street E-COMMERCE 4A 601-602 , Jianggan Area, Hangzhou city, China 310018

Tel: 86-571-87157530

Fax:86-571-87156470

web: www.dingyanchem.com

Section 2 - Composition, Information on Ingredients

Chemical Name: Risedronate sodium

CAS No.: 115436-72-1

Section 3 - Hazards Identification

3.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Oral (Category 4), H302

Acute toxicity, Inhalation (Category 4), H332

Acute toxicity, Dermal (Category 4), H312

For the full text of the H-Statements mentioned in this Section, see Section 16.

3.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Warning

Hazard statement(s)

H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled.

Precautionary statement(s)

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing.

P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position



comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell..

P322 Specific measures (see supplemental first aid instructions on this label).

P330 Rinse mouth.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/ container to an approved waste disposal plant.

3.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

Section 4 - COMPOSITION/INFORMATION ON INGREDIENTS

4. COMPOSITION/INFORMATION ON INGREDIENTS

4.1 Substances:

Sodium risedronate

[1-Hydroxy-2-(3-pyridinyl)ethylidene]bis[phosphonic acid] monosodium salt

P,P'-[1-Hydroxy-2-(3-pyridinyl)ethylidene]bis-phosphonic acid sodium

Formula : C7H10NO7P2.Na

Molecular weight : 305.09 g/mol

CAS-No. : 115436-72-1

Hazardous components

Component	Classification	Concentration
Risedronate sodium		
	Acute Tox. 4; H302 + H312 +H332	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 5 - FIRST AID MEASURES

5.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled

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

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jianggan Area,Hangzhou,China



In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5.2 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

5.3 Indication of any immediate medical attention and special treatment needed

No data available

Section 6 - FIREFIGHTING MEASURES

6.1 Extinguishing media

Suitable extinguishing media

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

6.2 Special hazards arising from the substance or mixture

No data available

6.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

6.4 Further information

No data available

Section 7 - Accidental Release Measures

7.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate

ventilation. Avoid breathing dust.

For personal protection see section 8.

7.2 Environmental precautions

Do not let product enter drains.

7.3 Methods and materials for containment and cleaning up

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

disposal.

7.4 Reference to other sections

For disposal see section 13.

Section 8 - Handling and Storage

8.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.



8.2 Conditions for safe storage, including any incompatibilities

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

Storage class (TRGS 510): 13: Non Combustible Solids

8.3 Specific end use(s)

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

Section 9 - Exposure Controls, Personal Protection

9.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

9.2 Exposure controls

Appropriate 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

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved

under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin 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.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to

the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator.For higher level

protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and

components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

Section 10 - Physical and Chemical Properties

10.1 Information on basic physical and chemical properties

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602, Jianggan Area, Hangzhou, China



- a) Appearance Form: solid
- b) Odour No data available
- c) Odour Threshold No data available
- d) pH No data available
- e) Melting point/freezing point
No data available
- 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: noctanol/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

10.2 Other safety information

No data available

Section 11 - Stability and Reactivity

11.1 Reactivity

No data available

11.2 Chemical stability

Stable under recommended storage conditions.

11.3 Possibility of hazardous reactions



No data available

11.4 Conditions to avoid

No data available

11.5 Incompatible materials

Strong oxidizing agents

11.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO_x), Oxides of phosphorus, Sodium oxides

Other decomposition products - No data available

Section 12 - Toxicological Information

12.1 Information on toxicological effects

Acute toxicity

No data available

Inhalation: No data available

Dermal: No data available

No data available

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

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as

probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a

carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a

known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's

list of regulated carcinogens.

Reproductive toxicity

No data available

No data available

Specific target organ toxicity - single exposure

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area, Hangzhou, China



No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

RTECS: SZ8567200

hypocalcemic tetany, Calcium antagonist, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 13 - Ecological Information

13.1 Toxicity

No data available

13.2 Persistence and degradability

No data available

13.3 Bioaccumulative potential

No data available

13.4 Mobility in soil

No data available

13.5 Results of PBT and vPvB assessment

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

13.6 Other adverse effects

No data available

Section 14 - Disposal Considerations

14.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste

disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

Section 15 - Transport Information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area, Hangzhou, China



HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

IATA

Not dangerous goods

Section 16 - Regulatory Information

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Risedronate sodium

CAS-No.

115436-72-1

Revision Date

New Jersey Right To Know Components

Risedronate sodium

CAS-No.

115436-72-1

Revision Date

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 17 - Additional Information

MSDS Creation Date: 3/16/2006

Revision #6 Date: 11/20/2013

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Dingyan Chem be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Dingyan Chem has been advised of the possibility of such damages.

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,JIANGGAN Area, Hangzhou, China



HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area,Hangzhou,China