

# Material Safety Data Sheet


Date Written: 2021-02-22

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## Section 1 - Chemical Product and Company Identification

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|----------------------------------|--|
| <b>Product Name</b>              | Beta-Nicotinamide mononucleotide             |
| <b>Company</b>                   | EffePharm (Shanghai) Co., Ltd                |
| <b>Address</b>                   | Bld 4, No.1 Mid Wangdong Rd, Shanghai, China |
| <b>City, State, Zip, Country</b> | Shanghai 201601, China                       |
| <b>Tel.</b>                      | +86-21-57709202                              |
| <b>Fax</b>                       | +86-21-57709202                              |



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## Section 2 – Composition, Information on Ingredients

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|--------------------------|-------------------|
| <b>CAS# :</b>            | 1094-61-7         |
| <b>Formula:</b>          | C11H15N2O8P       |
| <b>Molecular Weight:</b> | 334.219 g/mol     |
| <b>RTECS Number:</b>     | No data available |
| <b>EINECS Number:</b>    | No data available |

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## Section 3 –Physical and Chemical Properties

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|                             |                   |
|-----------------------------|-------------------|
| <b>Appearance:</b>          | White powder      |
| <b>Solubility in water:</b> | Soluble in water  |
| <b>Melting Point</b>        | No data available |
| <b>Flash Point</b>          | No data available |

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## Section 4 – First Aid Measures

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### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

### Inhalation

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

### Skin contact

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

### Eyes contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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## Ingestion

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

## Other

Remove and wash/dispose of contaminated clothing promptly.

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## Section 5 – Handling and Storage

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### Storage

Store in a well-closed container away from moisture and direct sunlight.

### Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

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## Section 6 – Hazards Identification

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### Inhalation

May be harmful if inhaled. May cause respiratory tract irritation.

### Skin

May be harmful if absorbed through skin. May cause skin irritation.

### Eyes

May cause eye irritation.

### Ingestion

May be harmful if over-amount swallowed.

### EC risk phrase

No data available

### EC safety phrase

No data available

### Hazard symbols

No data available

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## Section 7 – Exposure Controls/Personal Protection

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### Control parameters

Components with workplace control parameters

### Appropriate engineering controls

General industrial hygiene practice

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## Personal protection

### Eye/face protection

Face shield and safety glasses 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. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

### 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

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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## Section 8 – Fire Fighting Measures

### Suitable extinguishing media

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

### Unusual fire and explosion hazards

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

### Special fire fighting procedures

Wear a self-contained breathing apparatus if necessary

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## Section 9 – Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas

### Environmental precautions

Do not let product enter drains

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## Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal

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## Section 10 – Stability and Reactivity

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### Stability

No data available

### Incompatibilities

Strong oxidizing agents

### Decomposition

Carbon oxides(COx), Nitric oxides(NOx),

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## Section 11 – Toxicological Information

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### Acute toxicity

no data available

### Respiratory or skin sensitization

No data available

### Germ cell mutagenicity

no data available

### Carcinogenicity

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### 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

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## Section 12 – Ecological Information

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Do not allow product to enter drinking water supplies, waste water or soil

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## Section 13 – Disposal Considerations

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### Product

Offer surplus and non-recyclable solutions to a licensed disposal company

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## Contaminated packaging

Dispose of as unused product.

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## Section 14 – Transport Information

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### UN number

ADR/RID: - IMDG: - IATA: -

### UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

### Packaging group

ADR/RID: - IMDG: - IATA: -

### Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

### Special precautions for

user no data available

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## Section 15 – Regulatory Information

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No data available

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## Section 16 – Other Information

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*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. User should make their own investigations to determine the suitability of the information for their particular purposes.*

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