



## MATERIAL SAFETY DATA SHEET

### 1. Chemical Product Identification

**Manufactory:** Nanjing Fengshan Chemical Co., Ltd.

**Address:** 1904 Centre International Plaza, 105-6 North Zhongshan Road, Nanjing City, Jiangsu Province, China.

**Tel:** +86-25-66605701

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**Product name:** Zineb 80%WP

### 2 Composition / Information on Ingredients

Composition	CAS No.	Content %
Zineb	12122-67-7	80
Other ingredients	--	20

### 3. Hazards Identification

**Toxicity class:** WHO III, EPA IV. A low toxicity fungicide.

**Likely routes of exposure:** Skin and eye contact, ingestion and inhalation.

### 4. First Aid Measures

**Inhalation:** Move the victim to fresh air or remove source of contamination. Monitor for respiratory distress. Keep person warm and at rest.

**Skin contact:** Move the victim to fresh air and remove all contaminated clothing, shoes and leather goods. Gently wipe off excess chemical. Wash affected skin areas gently and thoroughly with water and non-abrasive soap.

**Eye contact:** Immediately flush the contaminated eyes with gently flowing lukewarm water for 15 to 20 minutes, occasionally lifting the upper and lower lids.

**Ingestion:** Seek medical advice immediately. Do not induce vomiting without medical advice. Give 2 glasses of water to drink. Never give anything by mouth to an unconscious person.

### 5. Fire-Fighting Measures

**Hazardous Combustion Products:** Thermal decomposition will generate carbon disulfide and other asphyxiants.



# 南京丰山化学有限公司

## NANJING FENSHAN CHEMICAL CO., LTD.

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**Special Fire Fighting Procedures:** Remain upwind. Avoid breathing smoke. Wear self-contained breathing apparatus and full protective gear.

**Unusual Fire and Explosion Hazards:** This product is flammable on contact with water, flames or sparks. Dust may be explosive if mixed with air in critical proportions.

### 6. Accidental Release Measures

**Steps to Be Taken If Material Is Released or Spilled:** Avoid breathing dusts. Sweep up spills and transfer to approved chemical containers for disposal or rework. Keep dusting to a minimum. Check local, state and federal regulations for proper disposal. Check local or provincial regulations for proper disposal. Flush the area with water to remove any residue.

**CAUTION:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

### 7. Handling and Storage

**Handling:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Storage:** Not for use or storage in or around the house. Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not contaminate water, food or feed by storage and disposal

### 8. Exposure Controls/Personal Protection

**Respiratory protection:** Approved respirator

**Protective gloves:** Rubber gloves

**Eye protection:** Safety goggles or face shield.

**Industrial hygiene:** Adequate ventilation.

### 9. Physical and Chemical Properties

**Appearance:** Fine to off-white wettable powder.

**Flash point:** Not applicable.

**Storage stability:** Stable for 2 years under normal, dry storage conditions.



**Solubility in in water:** Dispersible.

#### **10. Stability and Reactivity**

**Stability:** Stable

**Conditions To Avoid:** Excessive heat. Spontaneously combustible in the presence of moisture.

**Incompatibility:** Corrodes copper and iron metals when in the presence of moisture.

**Hazardous Decomposition Products:** Thermal decomposition will generate carbon disulfide and other asphyxiants.

**Hazardous Polymerization:** Will not occur.

#### **11. Toxicological Information**

**Acute oral LD50:** > 5000 mg/kg in rats & mice.

**Acute dermal LD50:** > 5000 mg/kg in rats.

**Acute inhalation LC50:** >4000 mg/l in rats for 4 hours.

#### **12. Ecological and Ecotoxicological Information**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

#### **13. Disposal Considerations**

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility in accordance with applicable local, state and federal regulations.

#### **14. Transport Information**

Not applicable

#### **15. Regulatory Information**

Not applicable



#### 16. Other Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

FengshanChem