



# Safety Data Sheet

-MD-Temp-

METABIOMED.CO.,LTD

## 1. Identification of the substance/preparation and of the company/undertaking

- **Product name** : MD-Temp  
- **Supplier** : METABIOMED.CO., LTD.  
Head Office & Osong Factory) 270, Osongsaengmyeong1-ro, Osong-eup,  
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## 2. Composition/information on ingredients

### Information on ingredients

Chemical name	CAS No.	w/w %	EC Number	Symbol	R-Phrases
Ethanol	64-17-5	12	-	-	-
Zinc Oxide	1314-13-2	38	-	-	-
Zinc Sulfate	7446-20-0	30	-	-	-
Polyvinyl acetate copolymer	25086-48-0	20	-	-	-

## 3. Hazards identification

- **Physical/chemical hazards** : May cause allergic skin reaction  
- **Human health hazards** : Not known to cause significant health problems. Considered a nuisance dust. Avoid inhalation and keep dust out of the eyes.  
- **Environmental hazards** : None

## 4. First aids measures

- **Inhalation** : Supply fresh air; consult doctor in case of complaints.  
- **Ingestion** : Consult physician.  
- **Skin contact** : Generally the product does not irritate the skin.  
- **Eye contact** : Rinse opened eye for several minutes under running water.

## 5. Fire fighting measures

### Extinguishing media

- **Suitable** : Carbon Dioxide, Sand, Extinguishing powder. Do not use water.  
- **Not suitable** : Water, Water with full jet  
- **Special fire fighting** : None



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## procedures

- Unusable fire/explosion : None

## hazards

- Hazardous thermal : SO<sub>x</sub>, ZnO, Chlorine

## (de)composition products

- Protection of fire fighters : Use breathing apparatus (self-contained breathing apparatus with full face shield). Wear suitable protective clothing

## 6. Accidental release measures

- Personal precautions : Wear protective equipment. Keep unprotected person away.

- Environmental precautions : None

- Methods for cleaning up : Absorb with liquid-binding material. Ensure adequate ventilation. Do not Flush with water or aqueous cleansing agents.

## 7. Handling and storage

- Handling : **Information for safe handling;** No special measures required.

**Information about protection against explosions and fires;** Keep ignition sources away – Do not smoke. Protect against electrostatic charges.

- Storage : **Requirements to be met by storerooms and receptacles;** Store in a cool location.

**Information about storage in one common storage facility;** Not required.

**Further information about storage conditions;** Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.

## 8. Exposure controls/personal protection

- Precautions for use : Wash hands before breaks and after work.

- Respiratory protection : Not required.

- Skin and body : Wear suitable protective clothing.

- Hands : Wear suitable gloves.

- Eyes : Tightly sealed goggles.

## 9. Physical and chemical properties

- Physical state : Paste

- Solubility in water : Not miscible

- Color : Colored

- pH : N/A

- Odor : Characteristic

- Flash point : Not-regulated



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- Boiling point	: Undetermined.	- Autoignition temperature	: N/A
- Melting point	: N/A	- Lower explosion limit	: N/A
- Vapor pressure	: N/A	- Upper explosion limit	: N/A
- Specific gravity(H <sub>2</sub> O=1)	: >1.0	- Viscosity	: N/A

## 10. Stability and reactivity

- Stability	: Stable
- Condition to avoid	: Do not heat
- Materials to avoid	: Not known
- Hazardous reactions	: May not accurate
- Hazardous decomposition products	: SO <sub>x</sub> , ZnO, Chlorine

## 11. Toxicological information

- Acute toxicity	: N/A
- Primary effects to skin	: No irritant effect.
- Primary effects to eyes	: No irritating effect.
- Sensitization	: No sensitization effects known.

## 12. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### HISTORY

- Date of printing	: 10-6-2015
- Date previous issue	: 10-6-2015
- Date of issue	: 10-6-2015
- Prepared by	: META BIOMED CO., LTD.