

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

- **Product name** : EDGETEMP[™]
- **Supplier** : METABIOMED CO., LTD.
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2. 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

3. 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	-	-	-

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

procedures

- Unusable fire/explosion : None

hazards

- Hazardous thermal : SO_x, 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. Precautions for safe handling

- **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

- 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 ₂ 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 _x , 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. Ecological information

- Remark	: Very toxic for fish
- General notes	: Also poisonous for fish and plankton in water bodies. Very toxic for aquatic organisms

13. Disposal considerations

- Product	Recommendation; Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packagings	Recommendation; Disposal must be made according to official regulations.

14. Transport information

- DOT shipping name	: Same as product name	- <u>Air transport ICAO-Ti and</u>	: N/A
- DOT hazard class	: Not-regulated	<u>IATA-DGR class</u>	: Not-regulated
- UN number	: N/A	- UN number	: N/A
- <u>Sea transport IMDG/GGV</u>	: N/A	- MFGA number	: N/A
<u>sea class</u>			



Safety Data Sheet

EdgeTemp™

- EMS number : N/A

15. Regulatory information

- Hazard designation : Irritant
- Hazard symbols : Highly flammable. Dangerous for the environment
- R-phrases : Highly flammable. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S-phrases : Keep out of the reach of children.
Keep container in a well-ventilated place.
Keep away from sources of ignition – No smoking

- SARA 313 toxic chemicals	<u>Chemical name</u>	<u>CAS-No.</u>	<u>Weight %</u>
	None		

- Canadian regulations require the inclusion of the following statements under "Regulatory Information"; "This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations."

16. 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

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- Prepared by : METABIOMED CO., LTD.