

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

- **Product name** : EdgeGel™

- **Supplier** : METABIOMED CO., LTD.
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2. Hazards identification

- **Physical/chemical hazards** : None

- **Human health hazards** : Irritating to eyes and skin.

- **Environmental hazards** : None

3. Composition/information on ingredients**Information on hazardous ingredients**

Chemical name	CAS No.	w/w %	EC Number	Symbol	R-Phrases
EDTA	60-00-4	19		Xi	R36/37/38
Polyethylene glycol	25322-68-3	81			

4. First aids measures

- **Inhalation** : Remove casualty from exposure ensuring one's own safety while doing so.

- **Ingestion** : Do not induce vomiting. Wash out mouth with water. If conscious, give half a liter of water to drink immediately. See a doctor.

- **Skin contact** : Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

- **Eye contact** : Bathe the eye with running water for 15 minutes. See a doctor.

5. Fire fighting measures**Extinguishing media**

- **Suitable** : Carbon dioxide, Dry chemical, Water.

- **Not suitable** : N/A

- **Special fire fighting** : Self contained breathing apparatus to prevent smoke inhalation.

procedures

- Unusable fire/explosion : None

hazards

- Hazardous thermal : In combustion emits toxic fumes.

(de)composition products

- Protection of fire fighters : Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

- Personal precautions : Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not attempt to take action without suitable protective clothing-see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

- Environmental precautions : Do not discharge into drains or rivers. Contain spillage using banding.

- Methods for cleaning up : Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

7. Precautions for safe handling

- Handling : Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

- Storage : Keep out of reach of children. Keep container tightly closed. Store in cool place. Well ventilated area.

8. Exposure controls/personal protection

- Precautions for use : Ensure there is sufficient ventilation of the area.

- Respiratory protection : Self-contained breathing apparatus must be available in case of emergency.

- Skin and body : Wear suitable protective clothing.

- Hands : Wear suitable gloves.

- Eyes : With sufficient extraction or closed system; safety goggles.

9. Physical and chemical properties

- Physical state : Paste

- Color : White

- Odor : Odorless

- Boiling point : N/A

- Solubility in water : Soluble

- pH : 2.5~3.5

- Flash point : Not-regulated

- 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	: Viscous

10. Stability and reactivity

- Stability	: Stable
- Condition to avoid	: Heat
- Materials to avoid	: Strong oxidizing agents. Strong acids.
- Hazardous reactions	: None
- Hazardous decomposition products	: In combustion emits toxic fumes.

11. Toxicological information

- Acute toxicity	: N/A
- Primary effects to skin	: There may be irritation and redness at the site of contact.
- Primary effects to eyes	: There may be pain and redness.
- Primary effects to respiratory system	: There may be irritation of the throat with a feeling of tightness in the chest
- Sensitization	: N/A
- Additional toxicological info	: N/A

12. Ecological information

- General information	: N/A
- Classification of water endangerment	: N/A

13. Disposal considerations

- Product	: Dispose of as normal industrial waste.
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14. Transport information

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

- UN number	: N/A	
- EmS number	: N/A	
- MFGA number	: N/A	

15. Regulatory information

- TSCA Inventory Status	: This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.		
- SARA 311/312 hazard Categories	: None		
- SARA 302 extremely hazardous substances	: None		
- SARA 313 toxic chemicals	<u>Chemical name</u>	<u>CAS-No.</u>	<u>Weight %</u>
	None		
- Classification according to EEC Guidelines	: N/A		
- Classification according to VBF	: N/A		
- 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

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.	
<u>HISTORY</u>	
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- Prepared by	: METABIOMED CO., LTD.