

MATERIAL SAFETY DATA SHEET**BROMELAIN**

1.IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING	
Commercial Product Name	: Bromelain
Manufacturer	: Sunson Industry Group Co., Ltd. Suite 628, China Minmetals Building, Block 4 Anhuili, Chaoyang District, Beijing, China (P.C.100101) Tel:+86-10-58603691/58603939 Fax: +86-10-58603690
2. COMPOSITION/INFORMATION ON INGREDIENTS	
Description	: Powder enzyme
Synonyms	: Not applicable
Hazardous ingredients	: None
3. HAZARDS IDENTIFICATION	
Contact of enzyme may induce sensitization and cause allergic type reactions in sensitized individuals. Prolonged contact may cause minor irritation to skin, eyes and mucous membrane of nose.	
4. FIRST AID MEASURES	
Inhalation	: Remove from exposure. If irritation or allergic response develops, consult a doctor.
Skin contact	: Wash skin with plenty of cold water.
Eye contact	: Irrigate eyes with cold water for at least 20 mins. Obtain medical advice if irritation occurs.
Ingestion	: Rinse mouth thoroughly with water and drink water afterwards. Consult a doctor.
5. FIRE FIGHTING MEASURES	
Suitable fire fighting extinguishing media	: Water, foam.
6. ACCIDENTAL RELEASE MEASURES	
Any spillage should be cleaned up immediately. Flush remainder on skin or eyes carefully with plenty of water. Wash contaminated clothing.	
7. HANDLING AND STORAGE	
Provide for good ventilation of the room when handling the preparation. Store container in a cool place.	
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Recommended personal protective equipment:	
Respiratory protection	: Respirator approved for this type of product.
Hand protection	: Impermeable gloves.
Eye protection	: Protecting glasses or eye shield.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour/Physical state	: Powder
Odour	: Normal fermentation odour
Density	: N/A
Other data	: None relevant for safety

10. STABILITY AND REACTIVITY

This preparation is stable under normal conditions to use.

Conditions to avoid	: None
Materials to avoid	: None
Hazardous decomposition products	: None

11. TOXICOLOGICAL INFORMATION

Inhalation of enzyme dust may induce sensitization and may cause allergic type reactions in sensitized individuals.

12. ECOLOGICAL INFORMATION

The preparation is believed not to be dangerous to the environment with respect to mobility, persistence and degradability, bioaccumulative potential, aquatic toxicity and other data relating to ecotoxicity.

13. DISPOSAL CONSIDERATIONS

No special disposal method required, except to be in accordance with current local authority regulations.

14. TRANSPORT INFORMATION

This preparation is not dangerous goods according to international regulations for transport.

15. REGULATORY INFORMATION

The preparation does not contain ingredients as dangerous substances.

Labelling	R42: May cause sensitization by inhalation.
	S22: Do not breathe dust.
	S23: Do not breathe spray.
	S24: Avoid contact with skin.
	S36/37: Wear suitable protective clothing and gloves.

16. OTHER INFORMATION

The information contained in this material safety data sheet, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of usage are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe of this preparation. The information in this sheet does not represent analytical specifications. For which please refer to our technical data sheet.