

SCOURING ENZYME MATERIAL SAFETY DATA SHEET			
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SECTION 1 Chemicals and corporate identify			
English name	Bio scouring enzyme	Model number	GR-M110
CAS NO.	9032-75-1	MSDS NO.	MSDS#201806
Supplier name	Zibo Green Trade Co.,Ltd	Supplier address	Zhoucun textile science and technology five west 18, Zibo city, China.
Supplier tel.	86533-2722853	Supplier fax	86533-2722853
SECTION 2 Risk overview			
Risk category	No transport hazardous		
Invasion pathways	Eyes and skin contact, inhalation		
Health hazards	No detailed toxicological studies. Avoid direct contact, prevent inhalation.		
Explosion hazard	Do not belong to flammable substances.		
Ingestion	Ingestion will cause stomach pain, nausea, vomit, diarrhea.		
SECTION 3 Ingredient/component information			

Ingredient	Complex product of various enzymes based on alkaline pectinase
SECTION 4 First aid measures	
Skin contact	Rinse skin absolutely with soap water and clean water. Get medical advice when symptoms occur.
Eye contact	Did eyelid, rinse more than 15 minutes with flowing clean water. Get medical attention at once.
Inhalation	Remove from exposure and move to fresh air. If symptoms of irritation or sensitization occur (ex. shortness of breath, transient or acute coughing), call a doctor.
Ingestion	Rinse mouth and throat thoroughly. Drink plenty of water.
SECTION 5 Fire-fighting measures	
Hazardous characteristics	No explosion hazard,not belong to flammable hazardous article, No oxidant hazard,not belong to corrosive,not belong to toxic chemicals.
Hazardous Combustion Products	Carbon monoxide, carbon dioxide, nitrogen oxides, etc.
Fire extinguishing method and fire extinguishing agent	Available spray water, dry powder, sand, foam and carbon dioxide fire extinguishing.
Fire extinguishing measures and precautions	Firefighters should wear positive pressure self-contained breathing apparatus, wearing fire protective clothing to prevent skin and eye contact.
Additional information	None
SECTION 6 Leakage emergency measures	
Emergency Treatment	Adsorption with inert material (such as dry sand, vermiculite) were collected in a dry, clean, covered containers for disposal. After cleaning ventilation, watering, personnel should wear suitable protective clothing.
SECTION 7 Handling and storage	
Handling	The usual precautions when handling chemicals should be observed. When using the product, do not eat, drink or smoke. Avoid spilling, skin and eye contact. Ensure good ventilation in the room when handling the product.
Storage	Stored in a cool, dry place, avoid direct sunlight. Should not be frozen. be stored for 3 months under 25°C, and more than 6months under 4-10°C.

SECTION 8 Contact control/personal protection	
Maximum allowable concentration	No formulate standard
Monitoring methods	None
Engineering control	Provide ventilation system and equipment. Provide safe shower and eyes washing equipments.
Eyes protection	Wear fitting safety goggles, protective glasses or eye shield
Body protection	Use suitable protective clothing
Hands protection	Use PVC/Rubber gloves
Breath system protection	If necessary, wear masks approved by administration department.
SECTION 9 Physical and chemical property	
Appearance	Tawny liquid
PH value	6.0-10.0
Function temperature range	20-65°C
SECTION 10 Stability and reactivity	
Stability	Stable under recommended storage and handling conditions.
Conditions to avoid	Elevated temperatures of storage and direct sunlight. Strong oxidizers.
Materials to avoid	None
Hazardous decomposition products	None
SECTION 11 Toxicological information	
Acute toxicity	None
Irritation	Slightly irritate to eyes and skin.
SECTION 12 Ecology information	
Ecotoxicity	None
Biodegradation	None
Non-biodegradation	None

SECTION 13 Disposal	
Litter nature	No belong to dangerous litter.
Disposal consideration	No special disposal method is required. Dispose of in accordance with current local authority regulations and requirements.
SECTION 14 Transport information	
Dangerous goods number	None
UN number	None
Packaging	30kg paper barrel
Transport ways	By sea, railway, road
SECTION 15 Lows and regulation information	
No belong to dangerous goods in GB 12268-1990 《Name List of Hazardous Chemicals》	
SECTION 16 Other information	
Other information	None
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Amend information	The information contained in this Material Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of the information and any recommendations or suggestions are made without warranty or guarantee. The information only concerns the above product a supplied and may not be valid if used with other product(s) or in any process. Since the conditions of use are beyond the control of our Company, it is the responsibility of the user to determine the conditions of safe use of this preparation. The information in this sheet does not represent analytical specifications.