

MATERIAL SAFETY DATA SHEET

BAY-LİTE II S

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION		
BAY KİM Tekstil Kimyevi Mad.San. ve Tic. Ltd. Şti . Yarımburgaz Mah.Cumhuriyet Cad. No:62/B Halkalı/İSTANBUL İstanbul / Türkiye Tel: +90 (212) 678 03 49 Fax: +90 (212) 678 05 24 www.baykim.com		Date of Revision : 01/11/2007 Date of Construction : 01/11/2007
2. HAZARDOUS INGREDIENTS		
MATERIAL	CONCENTRATION (%W/W)	HAZARD
Enzyme protein CAS #: 80498-15-3	1-10.	Possible irritation or allergenic sensitization
Read the entire MSDS for the complete hazard evaluation of this product		
3. PHYSICAL DATA		
Physical State: solid Boiling Point (760 mm Hg): n.a. Specific Gravity (H ₂ O = 1): n.a. Vapor Density (Air = 1): n.a. Percent Volatile by Volume: n.a. pH: n.a. Appearance and Odor: Light brown granulate and slight fermentation odor Odor Threshold: n.a. Vapor Pressure at 20 ° C: n.a. Solubility in Water, % by wt: Miscible. Evaporation Rate (Butyl Acetate = 1): n.a. Freezing Point: n.a.		
4. FIRE AND EXPLOSION HAZARD DATA		
Protection against fire and explosion: No special requirements. Suitable fire extinguishing media: Water, foam Non-suitable media: None. Special exposure hazards: None HMIS Rating: Health = 1, Flammability = 1, Reactivity = 0		
5. STABILITY AND REACTIVITY DATA		
This material is stable under normal conditions of use. Conditions to avoid: None Materials to avoid: None Hazardous Decomposition products: None		
6. TOXICOLOGICAL PROPERTIES		

Inhalation of aerosols or dust resulting from inappropriate handling may induce sensitization and may cause allergic reactions in sensitized individuals. Oral rat LD-50 > 2 g/Kg b.w. classifies the preparation as "non-toxic".

7. PREVENTIVE MEASURES

Engineering controls:

Maintain good conditions of industrial hygiene. Some processes may require enclosures, local exhaust ventilation, or of engineering controls to control airborne levels.

Recommended personal protection equipment:

Respiratory protection: Not required under usual conditions of use. However, if exposure potential exist, refer NIOSH CRITERIA GUIDES to determine appropriate unit.

Hand protection: Impermeable gloves recommended

Eyes protection: Protective glasses or eye shield.

Protection: Wear suitable protective clothing.

Exposure guidelines:

PEL (OSHA) for enzyme protein: Not establish.

TLV (ACGIH) for enzyme protein: Not establish

8. FIRST AID MEASURES

Skin contact: Wash skin with plenty of water.

Eye contact: Rinse eyes with plenty of water

Ingestion: Rinse mouth and throat thoroughly with water. Drink water.

Inhalation: Remove from exposure. If symptoms of irritation or sensitization occur (shortness of breath, wheezing or labored coughing), call a doctor.

9. HANDLING AND STORAGE

Avoid formation of dust. Avoid splashing and high-pressure washing. Ensure good ventilation of the room when handling this preparation.

10. ECOLOGICAL INFORMATION

LC50(fish) > 100 mg/L, EC50(daphnia) . 100 mg/L and IC50(algae) > 100 mg/L, which classifies the preparation as " non-dangerous" to the environment.

11. DISPOSAL CONSIDERATIONS

Waste disposal

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

12. TRANSPORT INFORMATION

Shipping information

Sea: Not applicable

Road/Rail: not applicable

Air: Not applicable.

13. REGULATORY INFORMATION

The active ingredient and all components of the enzyme preparation are listed on the TSCA inventory.

CANADIEN WHMIS: Controlled Product Hazard Class D2A (respiratory sensitized).

This product has been classified in accordance with the hazard criteria of the CPR and MSDS contains all the information required by the CPR.

ADDITIONAL INFORMATION AND SOURCES USED

The information contained herein is offered only as guide to the handling of this specific material and has prepared in good faith by technically knowledgeable personal. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and BAY KİM Inc. will not be liable for any damage, losses, injuries or consequential damage which may result from the use of or reliance on any information contained herein. This Material Safety Data Sheet is valid for three years.

n.a.: not applicable n.a.i.: not available information