

MATERIAL SAFETY DATA SHEET

BAYPLUS T NEW 1545 TÜY ENZİMİ

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

BAY KİM

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PRODUCT IDENTIFICATION

Product Name : BAYPLUS T NEW 1545
Product Use : Textile Wet Processing

2. HAZARDOUS INGREDIENTS

MATERIAL	CONCENTRATION (%W/W)	HAZARD
Fermentation derived protein CAS #: 9012-54-8 PIN #: Not applicable	5 - 20	Possible irritation or allergenic sensitization

Read the entire MSDS for the complete hazard evaluation of this product

3. PHYSICAL DATA

Physical State: Liquid
Boiling Point (760 mm Hg): 101 ° C/ 213 ° F).
Specific Gravity (H2O = 1): 1.15
Vapor Density (Air = 1): n.a.
Percent Volatile by Volume: n.a.
pH: 4.75 approx.
Appearance and Odor: Clear amber liquid, characteristic odor
Odor Threshold: n.a.
Vapor Pressure at 20 ° C: As H2O
Solubility in Water, % by wt: Miscible.
Evaporation Rate (Butyl Acetate = 1): As H2O
Freezing Point: -3 °C/27 °F

4. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE PROPERTIES

Conditions of Flammability: n.a., product is non-flammable
Flammable Limits In Air, by volume: n.a.
Means of Extinction: No special requirements

Auto-Ignition Temperature: n.a.
Hazardous Combustion Products: None known
Sensitivity to Mechanical Impact: n.a.
Sensitivity to Static Discharge: n.a.

5. REACTIVITY DATA

Stability: Stable.
Incompatible Materials: None know.
Conditions of Reactivity: None known.
Hazardous Decomposition Products: None know.

6. TOXICOLOGICAL PROPERTIES

Carcinogenicity: Not listed by OSHA.
Reproductive Toxicity: Not listed by OSHA.
Mutagenicity: Not listed by OSHA.
Irritancy to Product: Moderate irritant, and could possibly cause skin irritation.
Sensitization to Product: Respiratory sensitization (allergy) possible. Repeated and prolonged exposure to an aerosol or mist of this product may cause occupational asthma.
Synergistic Product: None known.
Exposure Limits: No value established by ACGIH Or OSHA; however, TWAEV or less than 60 part per trillion respirable protein should eliminate any possibility of respiratory.

ROUTES OF ENTRY / ACUTE EFFECTS.

Swallowing: None known; however, medical attention is advisable.
Skin Absorption: Skin absorption not to occur.
Inhalation: May cause respiratory allergy in susceptible individuals.
Skin Contact: May cause moderate irritation following prolonged direct contact.
Eye Contact: May cause eye irritation upon direct contact.

7. TRANSPORTATION INFORMATION

Non dangerous product.
This product is not affected by the U.E. ruling of dangerous goods transportation by road, air or sea.

8. PREVENTIVE MEASURES

Respiratory Protection (specify type): If condition of use are likely to generate an aerosol or mist, then hal-mask respirator suitable for dust, and mist, should be worn otherwise, none required under usual conditions of use.
Ventilation: As necessary to minimize exposure to aerosols.
Protective Gloves: Rubber /latex.
Eye Protection: Safety glasses / mono-goggles.
Other Protective Equipment: Not special requirements.
Steps to be taken if material is Releases or Spilled: Dike and absorb spill with inert material (kitty litter, tec.) and transfer to Releases or Spilled suitable container for disposal.
Waste Disposal Method: Disposal depends on local requirements. Be sure all federal, state or provincial, and local regulations are followed subsequent to disposal.
Shipping information: No special instructions, does not fall under "Transportation of Dangerous Goods".
Handling Procedures: No special requirements.

9. FIRST AID MEASURES

Swallowing: Rinse mouth and throat thoroughly with water. Do not induce vomiting. Seek medical attention.
Inhalation: Remove from contaminated area to fresh air. Seek medical attention if allergic response exhibited.
Skin Contact: Wash skin with soap and water. Remove contaminated clothes and wash.
Eye Contact: Flush eyes with low pressure water for at least 15 min if irritation persists seek medical attention..

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY

Under Normal Conditions : Stable
Under Fire Conditions : n.a.i.
Hazardous Polymerization : n.a.i.

Condition to Avoid: n.a.i.

Materials to Avoid: None

Decomposition or Combustion Products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

No toxicological effect.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

This information applies to the material as manufactured. Processing, use or contamination may make the information inappropriate, inaccurate or incomplete. The responsibility for proper waste disposal lies with the owner of the waste.
Deactivating Chemicals:

Waste Disposal Methods: can be incinerated, when in compliance with Local Regulations.

Disposal of Packaging: Empty containers should be taken for Local recycling recovery or waste disposal.

14. TRANSPORTATION INFORMATION

ADR/RID: Not classified as dangerous in the meaning of road and railway transport.

IMO: Not classified marine pollutant.

Air Transportation: Not classified as dangerous in the meaning of air transportation of IATA members.

15. REGULATORY INFORMATION

Regulatory Information: The product is classified in accordance to the CESIO recommendations.

Symbol(s): Xn – Harmful.

R-phrases (s): R22 – harmful if swallowed
R41 – Risk of serious damage to eyes.

S-phrases (s): S26 – In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S39 – Wear eye/face protection.

16. OTHER INFORMATION

ADDITIONAL INFORMATION AND SOURCES USED

Written By : Textile Auxiliaries Chemicals Plant Management

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