

Material Safety Data Sheet

SEBamyl[®] BAP

Emergency Overview- Allergen. Avoid prolonged or repeated contact with skin. This material is irritating to the respiratory tract, mucous membranes, skin and eyes.

Section I – Product Identification

COMMERCIAL PRODUCT NAME: SEBamyl BAP
DESCRIPTION: Solid Enzyme Preparation
APPEARANCE: Off white to tan powder

Section II- Ingredients

ACTIVE INGREDIENT:	Enzyme protein	CHEMICAL IDENTITY:	Enzyme Protein
COMMON NAME:	Bacterial Amylase	OSHA PEL:	None
CAS NO.:	9000-85-5	ACTIVE TLV:	None

Section III- Physical and Chemical Characteristics

BOILING POINT:	N/A	SPECIFIC GRAVITY (H ₂ O = 1):	N/A
MELTING POINT:	N/A	VAPOR DENSITY (AIR = 1):	N/A
WATER SOLUBILITY:	Soluble	VAPOR PRESSURE (mm Hg):	N/A
ODOR:	Characteristic odor	EVAPORATION RATE (BUTYL ACETATE =1):	N/A

Section IV- Fire & Explosion Hazard Data

FLASH POINT (°F) METHOD USED:	N/A	EXTINGUISHING MEDIA:	Water
SPECIAL FIRE FIGHTING PROCEDURES:			No special requirements needed
FLAMMABLE LIMITS:	N/A	LOWER:	N/A
UNUSAL FIRE AND EXPLOSION HAZARDS:		UPPER:	N/A
			None known

Section V- Reactivity Data

STABILITY:	Stable under normal usage conditions.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	None known
CONDITIONS TO AVOID:	None
HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITIES:	None known

Section VI- Health Hazard Data

HEALTH HAZARDS (ACUTE & CHRONIC):

INHALATION: Exposure to enzyme dust may cause an immunogenic response (sensitization) to occur in susceptible individuals.
SKIN CONTACT: May cause irritation in susceptible individuals following prolonged direct contact.
EYE CONTACT: May cause irritation and sensitization in susceptible individuals following direct contact.



INGESTION: To the best of our knowledge, data are lacking to provide evidence that amounts ingested incidental to processing could result in significant adverse health effects.

CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No
OSHA REGULATED? No SIGNS & SYMPTOMS OF EXPOSURE: Allergic-type symptoms
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Asthma atrophy

EMERGENCY & FIRST AID PROCEDURES: Remove from exposure; seek medical attention if allergic response is exhibited. For skin contact, wash with water. For eye contact, flush with water. Consult your physician if adverse health effects persist.

Section VII- Precautions for Safe Handling & Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Spilled preparation should be removed immediately to avoid formation of aerosols or dust from dried out preparation.

WASTE DISPOSAL METHOD: May be disposed of by feeding into drain or in landfill in accordance with federal, state and local regulations. Avoid high pressure washing as this may lead to formation of aerosols.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid generation of aerosols or dust from dried out or spilled product. Avoid exposing enzyme product to conditions of high temperature. This will initiate the loss of product activity. Ensure proper ventilation.

Section VIII- Control Measures

RESPIRATORY PROTECTION: Use NIOSH / OSHA-approved respiratory protection
VENTILATION: Local exhaust
PROTECTIVE GLOVES: Recommended
EYE PROTECTION: Recommended
OTHER PROTECTIVE EQUIPMENT: N/A
WORK / HYGIENIC PRACTICES: Maintain good housekeeping/GMP. Follow practices sufficient to avoid inhalation of dust particles and skin and eye contact.

Section IX- Ecological Information

This product is 100% biodegradable. It is not known to be adverse to the environment.

Section X- Disposal Methods

No special disposal considerations are required, beyond compliance with local authorities and regulations.

Section XI- Transportation

When transporting, keep in cool dry place. Exposure to liquid may cause increase in bacteria count. Exposure to high temperatures may result in loss of product.

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