MATERIAL SAFETY DATA SHEET

SECTION I NAME
Product
Amylase

Chemical Synonyms
Bacterial Amylase, Alpha Amylase

Formula
A mixture of enzymes.

Unit Size
up to 2.5 kg.

C.A.S. No.
9000-85-5

SECTION II INGREDIENTS OF MIXTURES
Principal Component(s) % TLV Units
Amylase 100% None established.

SECTION III PHYSICAL DATA
Melting Point (°F) Data not listed.
Boiling Point (°F) Decomposes.
Vapor Pressure (mm Hg) Negligible as solid.
Vapor Density (Air=1) Data not listed.
Solubility in Water Soluble in water with some turbidity.
Appearance & Odor Light brown powder; characteristic odor. Hygroscopic.

SECTION IV FIRE AND EXPLOSION HAZARD DATA
Flammable Limits in Air
Specific Gravity (H₂O = 1) Data not listed.
Vapor Density (Air=1) N/A
Flash Point (Method Used) Non-flammable.
Extinguisher Media Carbon dioxide; dry chemical; water spray.

SECTION V HEALTH HAZARD DATA
Threshold Limited Value None established by (ACGIH 2001).

SECTION VI REACTIVITY DATA
Stability Unstable
Conditions to Avoid
Incompatible (Materials to Avoid) Strong oxidizers.

SECTION VII SPILL OR LEAK PROCEDURES
Steps to be taken in case material is released or spilled
Vacuum or carefully sweep up and place in a suitable container for disposal. Avoid causing dusty conditions. Wash spill area with soap and water.

SECTION VIII SPECIAL PROTECTION INFORMATION
Respiration Protection
None should be needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask.

SECTION IX SPECIAL PRECAUTIONS
Precautions to be Taken in Handling & Storing
Store in a cool, dry place away from strong oxidizing materials. Wash thoroughly after handling.

Other Precautions
Avoid prolonged or repeated contact with skin. Remove and wash contaminated clothing.

Revision No. 4
Date 01/01/07
Approved James A. Bertsch
Chemical Safety Coordinator JAB

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.