

MATERIAL SAFETY DATA SHEET

Products Distributed By:
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SECTION 1: PRODUCT NAME

#35-00E ENZYMES
#35-00 ENZYMES CONCENTRATE

SECTION II: HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Bacterial Subtilisin Protease CAS #9014-01-1			
Nonylphenol Ethoxylate CAS #9016-45-9			
Calcium Carbonate CAS #471-34-1			
Bacteria complex/amylase & protease CAS #68920-42-3			
Wheat Bran			
Lipase CAS #9001-62-1			
Sodium Bicarbonate CAS #9001-19-8			

SECTION III: PHYSICAL DATA

BOILING POINT	N/A
VAPOR PRESSURE	N/A
VAPOR DENSITY	4.69
SOLUBILITY IN WATER	Dispersible in water.
SPECIFIC GRAVITY (H ₂ O=1)	N/A
MELTING POINT	N/A
EVAPORATION RATE	N/A
APPEARANCE AND ODOR	Whitish tan granular powder with characteristic fermentation odor.

SECTION IV: FIRE AND EXPLOSION DATA

IGNITION TEMPERATURE HMIS RATING:

Health= 1
Flammability = 1
Reactivity = 0

EXTINGUISHING MEDIA: Water, foam, Halones.

SPECIAL FIREFIGHTING PROCEDURES: Under no mal use, no special requirements. If extremely high levels generated in ambient air, material can support combustion. Self-contained breathing apparatus with full face piece operated in positive pressure mode.

UNUSUAL FIRE & EXPLOSION HAZARDS: N/A

SECTION V: REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Cannot occur.

STABILITY: Stable

INCOMPATIBILITY: This product does not meet the definition of hazardous material given in 29 CFR part 1910.1200 (OSHA)

SECTION VI: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Eyes: Not known to cause eye irritation. However, avoid direct contact.

Skin: Not irritating to skin. Avoid prolonged exposure.

Inhalation: Can cause sensitization by inhalation in hypersensitive individuals. Avoid dust generation.

Ingestion: No significant health effects.

Carcinogenicity: No.

IARC Monographs: No

OSHA Regulated: No

Product is readily biodegradable.

FIRST AID:

Wash with plenty of water.

Wash with soap & water.

Remove from contaminated area to fresh air. Seek medical attention if allergic response is exhibited

Drink water, rinse mouth and throat thoroughly with water. If symptoms occur, see a physician.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Spilled product should be removed to immediately avoid formation of dust. Remove by vacuuming. Dilute remainder with plenty of water (avoid formation of aerosols). Use proper ventilation.

WASTE DISPOSAL METHOD: No special disposal method, except in accordance with current local authority regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid formation of dust. Avoid splashing & high pressure washing. Use good ventilation. Store container in dry cool place.

OTHER PRECAUTIONS: Keep out of reach of children. Wash contaminated clothing.

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION:

None required under usual condition of use. However, if exposure potential exists, refer to NIOSH Criteria guides to determine.

VENTILATION:

N/A

PROTECTIVE GLOVES:

Impermeable gloves.

EYE PROTECTION:

Protective glasses or shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Maintain good conditions of industrial hygiene.

Recommendations for the use of this product are based on reliable tests. No guarantee of results are implied where conditions are beyond our control. Under no circumstances or conditions, either expressed or implied, will Topaz Industries, Inc. be liable for damages in excess of the purchase price of this product. Keep out of reach of children. For Commercial, Industrial or Professional Use Only.