

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION**MANUFACTURER**

GC AMERICA INC.
3737 West 127th St.
Alsip, Illinois, 60803
Telephone: 708-597-0900
Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.
Transportation Emergency Telephone No. 800-424-9300

COMMON NAME: COEZYME**CHEMICAL NAME:** N.A.**PRODUCT USE:** Detergent/Cleaner Solution

The following information is provided with regard to the toxicity and hazards of the pure components present.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Proteinase (Alkaline Bacillus)	9073-77-2	PEL=0.06ug/m ³ (OSHA) TLV=0.06ug/m ³ (ACGIH)	N.E.	Proprietary
Proteinase (Subtilisin)	9014-01-1	PEL=0.06ug/m ³ (OSHA) TLV=0.06um/m ³ (ACGIH)	LD50=3700mg/kg LC50=N.E.	Proprietary
Propylene Glycol	57-55-6	TWA=10mg/m ³ Dow (mist)	LD50=20.0-33.7g/kg (oral rat) LC50=N.E.	Proprietary

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 100°C to 105°C
VAPOR PRESSURE (mm Hg): N.E.
VAPOR DENSITY (Air=1): <1
pH: 6.5 - 7.5
SOLUBILITY IN WATER: 100%
APPEARANCE AND ODOR: Bluish green viscous solution with mint odor

SPECIFIC GRAVITY: (H2O=1): 1.05 (20°C)
MELTING POINT: N/A - Aqueous Solution
EVAPORATION RATE (Butyl Acetate=1): <1
ODOR THRESHOLD: N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.A.
Not flammable; aqueous solution
EXTINGUISHING MEDIA: N.A.
SPECIAL FIRE FIGHTING PROCEDURES: N.A.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N.A.
HAZARDOUS COMBUSTION PRODUCTS: N.A.

FLAMMABLE LIMITS: N.A.

SECTION 5 - REACTIVITY DATA

STABILITY: Stable Unstable
POLYMERIZATION: Will Not Occur Will Occur

CONDITIONS TO AVOID: Avoid removal of water.
INCOMPATIBILITY (Materials To Avoid): Avoid strong oxidizing agents (bleach)
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Nitrous Oxide and Ammonical vapors.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER	X							

ROUTES OF ENTRY: Inhalation Skin Ingestion

HEALTH HAZARD (Acute And Chronic): Repeated exposure via inhalation can result in sensitization and allergic reaction in hypersensitive individuals.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

SKIN: Skin absorption not known to occur. May cause minor irritation following prolonged direct contact.

EYES: Material can cause eye irritation upon direct contact.

INGESTION: Ingestion of this material is not known to result in significant adverse health effects. Can cause irritation to mouth and throat.

INHALATION: Can cause allergic type response in susceptible individuals upon repeated or prolonged exposure.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

SKIN: Wash with soap and water.

EYES: Flush with low-pressure water for 15 minutes. Seek medical attention if adverse symptoms develop.

INGESTION: Rinse mouth and throat thoroughly with tap water. Seek medical attention if adverse symptoms develop.

INHALATION: Remove to fresh air. Seek medical attention if allergic response exhibited.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Absorb spill with inert material and transfer to suitable container for disposal. Avoid high pressure wash down which may create aerosol.

WASTE DISPOSAL METHOD: In accordance with local, state and federal regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Keep in cool place. Maintain good housekeeping. Keep out of reach of children. Long exposure of product to heat and/or humidity may reduce product's activity. For liquid enzymes, it is also necessary to avoid spraying or high pressure washing.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: None required under normal conditions

VENTILATION: Local Exhaust: Adequate **Mechanical:** N.A. **Special:** N.A. **Other:** N.A.

PROTECTIVE GLOVES: Yes

EYE PROTECTION: Safety glasses if splashing likely

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.A.

WORK/HYGIENIC PRACTICE: Avoid splashing

SECTION 9- PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR

DATE: 09 January 2006

REVIEWED: 15 January 2009

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or implied is made.

FIRE – 0

TOXICITY – 1

NFPA

REACTIVITY – 0

SPECIAL –