

Safety Data Sheet

Section 1 - Product Information

Product Name: Renuzyme Ultra		Supplier:	Getinge USA, Inc
Product Code Number: 0815	Information Phone: 800-475-9040		Address: 1777 East Henrietta Road Rochester, NY 14623
Product Use: Enzyme Detergent	Emergency Contact: CHEMTREC 800-424-9300		

Section 2 - Hazard Identification

GHS Classification: Does not meet criteria for GHS classification

Section 2.1 - Label Elements

Hazard Pictograms: None	Precautionary Statements: Do not breathe mist or dust. General safety precautions should be used when working with chemicals.
Signal Word: None	
Hazard Statements: May cause sensitization if inhaled. May be irritating to the eyes and skin	

Section 3 - Composition

Chemical Name	CAS #	Percent w/w
Propylene Glycol	57-55-6	14
Subtilisin	9014-01-1	< 6

Section 4 - First Aid Measures

Skin: Flush with flowing water for 15 min. If irritation persists get medical advice
Eyes: In case of eye contact, rinse with plenty of water and seek medical attention immediately
Inhalation: Remove to fresh air

Section 5 - Fire and Explosion Hazard Data

Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures:
NA	LEL: NA UEL: NA	Dry chemical, carbon dioxide if product involved.	Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.

Section 6 - Accidental Release Measures

Mop up spills and flush to sewers with plenty of water. Floors may be slippery, use care to avoid falls.

Section 7 - Handling and Storage

For institutional and industrial use only, not intended for consumer use. Store upright in original closed container.

Section 8 - Exposure Controls/PPE

Ingredient	OSHA PEL:	ACGIH TLV	PPE	General Hygiene Considerations:
Propylene Glycol	NE	NE	Respiratory: Not normally required	Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
Subtilisin	NE	NE	Eye: Safety glasses	
			Skin: Water proof gloves	
			Ventilation: Normal room ventilation	

Section 9 - Physical and Chemical Properties

Appearance	Odor	Odor Threshold	pH	Melting Point	Boiling Point	Evaporation Rate	Flammability	Upper/Lower Flammability Limits	Vapor Pressure
Colorless liquid	None	NE	7.5	NE	NE	NE	NA	NA	NE
Vapor Density	Density (lbs/gal)	Specific Gravity	pH (use dil)	Solubility (in water)	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temp	
NE	8.62	1.035	7.5	100%	NE	NA	Thin	NE	

Section 10 - Stability and Reactivity

Product is stable. Hazardous polymerization will not occur. It is incompatible with strong oxidizing agents. If burned normal combustion products such as Carbon Dioxide, Carbon Monoxide and Nitrous Oxides may occur.

Section 11 - Toxicological Information

Ingredient	Acute Toxicity (oral LD50) Rat	Acute Toxicity (derm. LD50) Rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -Single Exposure	STOST Repeated Exposure
Propylene Glycol	>20g/kg	20800mg/kg	Mild irritant	No	No	None	None	None
Subtilisin	1800mg/kg	>2ml/kg	Irritant	No	No	None	None	None

Other: LD50 (oral) of combined ingredients was calculated at >8000mg/kg. Practically nontoxic.

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

The products covered by this SDS, in their original form, are considered nonhazardous waste according to RCRA(40 CFR 261).Dispose of in accordance with applicable Federal, State and Local regulations.

Section 14 - Transport Information

UN number	Basic Description (DOT)	Class	Packing Group	LTD QTY
	Not regulated			

Section 15 - Regulatory Information

SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.CERCLA:Does not contain chemicals subject to reporting under CERCLA. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

Date Prepared: 5-Jan-2017	HMIS: Health - 1 Flam. - 0 R - 0 PPE- B
WHMIS:	Prepared by: Environmental, Health and Safety Administrator.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established

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