

**MATERIAL SAFETY DATA SHEET**

**PRODUCT:**  
ENDOZIME INSTRUSPONGE

**D.O.T. :** Not Regulated  or Regulated   
Shipping Name (If regulated) :

**SECTION I**

**Manufactured By:**  
RUHOF CORPORATION  
393 SAGMORE AVENUE  
MINEOLA NY 11501-1919

**Emergency Phone:** 1-800-424-9300  
**Information Phone:** 516-294-5888  
**Date Prepared:** 10/20/06  
**Signature of Preparer (optional):**

**SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

**Hazardous Components:**

	OSHA PEL	CAS #	%
Specific Chemical Identity (Common Name) :			
This product is not manufactured to contain a reportable hazardous component as described in 29 CFR 1910, 1200			
<b>Sara Hazard:</b>	Fire? NO	Pressure? NO	Reactivity? NO
	Acute? NO	Chronic? NO	

**SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	N/A	<b>Specific Gravity (water=1):</b>	1.1
<b>Vapor Pressure (mm Hg) :</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Density (Air=1):</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>pH:</b>	N/A	<b>Evaporation Standard:</b>	WATER
<b>Solubility in Water:</b>	CONTAINS WATER SOLUBLE COMPONENTS		
<b>Appearance &amp; Odor:</b>	BLUE-GREEN FOAM TIP ON WHITE POLYPROPYLENE SHAFT		

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used) :** 500° F COC  
**Flammable Limits in Air (%) :** N/A Lower: N/A Upper: N/A  
**Extinguishing Media:** WATER, FOAM, CO2 DRY CHEMICAL

**Special Fire Fighting Procedures:**

FIGHT SURROUNDING FIRE. USE EQUIPMENT AS IF CHEMICAL FIRE.

Ratings	NFPA	HMIS
Health	1	0
Fire	0	0
Reactivity	0	0

**Fire/Explosion Hazards:**

BURNING OF FOAM SPONGE WILL PRODUCE IRRITATING VAPORS AND SMOKE (CARBON MONOXIDE AND CARBON DIOXIDE, WITH SOME ALDEHYDES AND NITROGEN OXIDES).

**SECTION V – REACTIVITY DATA**

**Stability:** Unstable  Stable   
**Conditions to Avoid:** DO NOT FREEZE  
**Materials to Avoid:** STRONG OXIDANTS, STRONG ACIDS OR ALKALIS.  
**Hazardous Decomp/Byproducts:** FOAM SPONGE STARTS TO DECOMPOSE ABOVE 130C/265F; MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES, NITROGEN OXIDES, UNSATURATED HYDROCARBONS.  
**Hazardous Polymerization:** May Occur  Will Not Occur   
**Conditions to Avoid:** NONE

SECTION VI – HEALTH HAZARD DATA

Routes of Entry: Inhalation?YES Skin?YES Ingestion?YES

Acute & Chronic Health Hazards:

REPEATED INHALATION OF ENZYME SPRAY OR MIST MAY CAUSE ALLERGIC REACTION IN SUSCEPTIBLE PERSONS.

Carcinogenicity:NO NTP:NO IARC:NO OSHA Regulated:NO

Signs/Symptoms of Exposure:

SKIN-DERMATITIS. EYES-IRRITATION-REDDENING. INGESTION GASTRIC UPSET AND IRRITATION. INHALATION-ASTHMA TYPE SYMPTOMS.

Medical Conditions Generally Aggravated by Exposure:

ASTHMA AND DERMATITIS.

Emergency and First Aid Procedures:

INHALATION-REMOVE TO FRESH AIR. INGESTION- RINSE MOUTH AND THROAT WITH WATER. SKIN AND EYES- FLUSH WITH FRESH WATER-IN THE CASE OF ANY SYMPTOMS-SEE DOCTOR.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

In case Material is Released or Spilled:

Waste Disposal Method:

SANITARY SEWER-BIODEGRADABLE. SPONGE IS SLOWLY BIODEGRADABLE IN PRESENCE OF LIGHT AND AIR. SPONGE MAY BE RECYCLABLE AS POST-CONSUMER SCRAP. FOLLOW FEDERAL, STATE, LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storing:

KEEP FROM FREEZING. STORE IN A DRY AREA. KEEP AWAY FROM OPEN FLAME AND POTENTIAL IGNITION SOURCES.

Other Precautions:

NONE.

SECTION VIII – CONTROL AND PROTECTION MEASURES

Respiratory Protection:

NIOSH-APPROVED MASK IF MIST IS LIKELY.

Ventilation: YES Special Ventilation: NO Local Exhaust Needed: NO Mechanical: YES Other: NO (General)

Protective Gloves: RUBBER OR PLASTIC

Eye Protection: GOGGLES.

Clothing/Equipment: APRON

Work/Hygiene: WASH CONTAMINATED CLOTHING BEFORE REUSE.

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