

MATERIAL SAFETY DATA SHEET  
MAY BE USED TO COMPLY WITH  
OSHA'S HAZARD COMMUNICATION STANDARD,  
29 CFR 1910.1200. STANDARD MUST BE  
CONSULTED FOR SPECIFIC REQUIREMENTS

US DEPARTMENT OF LABOR  
OCCUPATIONAL SAFETY & HEALTH ADMIN.  
(NON-MANDATORY FORM)  
FORM APPROVED  
OMB NO. 1218.0072

**MATERIAL SAFETY DATA SHEET**

PRODUCT: ENDOZIME AW PLUS  
D.O.T.: Not Regulated [X] or Regulated [ ]  
Shipping Name (If regulated):

**SECTION I**

Manufactured By: RUHOF CORPORATION  
393 Sagamore Avenue  
Mineola, NY 11501  
Emergency Phone: 1-800-424-9300  
Information Phone: 1-516-294-5888  
Date prepared: 09/30/99  
Signature of Preparer (optional):

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

Hazardous Components:	OSHA PEL	CAS #	% (optional)
Specific Chemical Identity (Common Name): 2-PROPANOL	400 PPM	67-63-0	10

Sara Hazard: Fire ? NO Pressure? NO Reactivity? NO Acute? NO Chronic? NO

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point:	212 F	Specific Gravity (water=1):	1.0
Vapor Pressure (mm Hg):	AS WATER	Melting Point:	N/A
Vapor Density (Air=1):	N/A	Evaporation Rate:	1.0
pH:	6.0-7.5	Evaporation Standard:	WATER
Solubility in Water:	COMPLETE		
Appearance & Odor:	BLUE LIQUID WITH HYACINTH ODOR		

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

Flash Point (Method Used): NONE  
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  
Fire/Explosion Hazards:  
NONE KNOWN

**SECTION V - REACTIVITY DATA**

Stability: Unstable [ ] or Stable [X]  
Conditions to Avoid: DO NOT FREEZE  
Materials to Avoid: STRONG OXIDANTS  
Hazardous Decomp/Byproducts:  
NONE KNOWN  
Hazardous Polymerization: May Occur [ ] or Will Not Occur [X]  
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

PRODUCT: ENDOZIME AW PLUS

===== SECTION VI - HEALTH HAZARD DATA (CONTINUED) =====

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:

FLUSH OR MOP UP TO SANITARY SEWER - BIODEGRADABLE

Waste Disposal Method:

SANITARY SEWER - BIODEGRADABLE

Precautions to be Taken in Handling and Storing:

KEEP FROM FREEZING. STORE IN A DRY COOL AREA...  
AWAY FROM OXIDANTS

Other Precautions:

NONE

===== SECTION VIII - CONTROL AND PROTECTION MEASURES =====

Respiratory Protection:

NIOSH APPROVED MASK IF MIST IS LIKELY

Ventilation:

YES

Local Exhaust Needed:

N/A

Special Ventilation: N/A

Mechanical (General):

YES

Other: N/A

Protective Gloves:

RUBBER OR PLASTIC

Eye Protection:

GOGGLES

Clothing/Equip:

APRON

Work/Hygiene:

WASH CONTAMINATED CLOTHING BEFORE REUSE.

===== OTHER INFORMATION =====

NFPA 704: Health: 1, Flammability: 0, Reactivity: 0, Special Hazard: None  
(Degree of Hazard: 0=None 4=Severe)

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