

MATERIAL SAFETY DATA SHEET

PRODUCT:
ORTHOZIME

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) : 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:	CLEAR GREEN LIQUID WITH SWEET 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.

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

Fire/Explosion Hazards:
NONE KNOWN

SECTION V – REACTIVITY DATA

Stability: Unstable Stable
Conditions to Avoid: DO NOT FREEZE
Materials to Avoid: STRONG OXIDANTS
Hazardous Decomp/Byproducts: NONE KNOWN
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. NO SPECIAL HAZARD FROM FOAM SPONGE.

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:

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 AREA. KEEP AWAY FROM OXIDANTS.

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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