C.O.S.H.H./Material Safety Data Sheet

1. Name of Product **ORTHOZIME**

Supplied by
(Authorised Rep. for CE)

RUHOF
Peskett Solutions Ltd
Unit 4-5 Brampton Business Park
55 Brampton Road
Eastbourne, East Sussex
BN22 9AF

Manufactured by

RUHOF CORPORATION
393 Sagamore Avenue, Mineola,
New York 11501-1919 USA

Effective Date: 1st January 2010
Data Sheet Reference: ORTHOZIME.COSHH.2010.PDF
Emergency Phone Number: 01323 511038, 07973 166737
Contact: Matthew Peskett

2. Information on Hazardous Ingredients:

Hazardous Ingredients	CAS#	HSC(UK) WEL	% (Optional)
2 – Propanol	67-63-0	400 ppm	10

Category of Danger? None (X) or: with Symbol-letter:

SARA Hazards: **Fire?** No **Pressure?** No **Reactivity?** No **Acute?** No **Chronic?** No

3. Hazard Identification:

Routes of Entry:
Inhalation? YES **Skin/Eye?** YES **Ingestion?** YES

Acute & Chronic Health Hazards:
R42 - REPEATED INHALATION OF ENZYME SPRAY OR MIST MAY CAUSE ALLERGIC REACTION IN SUSCEPTIBLE PERSONS IF USED INCORRECTLY.

Signs/Symptoms of Exposure:

Eye Contact	**R36 -** IRRITATION AND REDDENING.
Skin Contact	**R38** - DERMATITIS
Inhalation	**R37 -** ASTHMA TYPE SYMPTOMS.
Ingestion	**R22 -** GASTRIC UPSET AND IRRITATION.

Medical Conditions Generally Aggravated by Exposure: **R37/38** - ASTHMA, DERMATITIS

4. First-Aid Measures:

Eye Contact	**S26** - FLUSH WITH FRESH WATER
Skin Contact	**S28** - FLUSH WITH FRESH WATER
Inhalation	**S63** - REMOVE TO FRESH AIR
Ingestion	**S64** - RINSE MOUTH AND THROAT WITH WATER
Contaminated Clothing	**S27** – WASH CLOTHING BEFORE REUSE. IN CASE OF ANY SYMPTOMS, SEE DOCTOR

5 Fire Fighting Measures:

Flash Point NONE
Flamm. 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

6 Accidental Release Measures:

In Case Material Is Released or Spilled: SPILLS MAY BE PICKED UP WITH A MOP AND FOLLOWED BY A WATER RINSE.. SMALL SPILLS MAY BE FLUSHED TO A SANITARY SEWER WITH COPIOUS AMOUNTS OF WATER IF IN ACCORDANCE WITH NATIONAL AND LOCAL REGULATIONS

Orthozime

Orthozime

7 Handling and Storage:

Ventilation

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

Special Handling/Storage Precautions — **S14** - KEEP AWAY FROM OXIDANTSREEZING.
S3 - KEEP IN COOL AREA

8 Exposure Controls/Personal Protection:

Eye Protection	**S39** - WEAR EYE/FACE PROTECTION
Hand Protection/Gloves	**S37** - PLASTIC OR RUBBER.
Respiratory Protection	**S23** - EN405 (GRADE FFA1P2D) - MASK IF MIST IS LIKELY.
Special Clothing/ Equipment	**S36** - APRON.

9 Physical and Chemical Properties:

Appearance:	CLEAR GREEN LIQUID
Odour:	SWEET ODOUR
pH:	6.0 - 7.5
Boiling Point:	100°C
Melting Point:	N/A
Evaporation Rate:	1
Evaporation Standard:	WATER
Specific Gravity (Water=1):	1.0
Vapour Pressure (mm Hg):	AS WATER
Relative Density (Air = 1):	N/A
Solubility in Water:	COMPLETE

10 Stability and Reactivity:

Stability:	STABLE
Conditions to Avoid:	FREEZING TEMPERATURES
Materials to Avoid:	STRONG OXIDANTS
Hazardous Decomposition/Byproducts:	NONE KNOWN
Hazardous Polymerisation:	WILL NOT OCCUR

11 Toxicological Information: (Also See Section 3)

Carcinogenicity	NO	IARC	NO
NTP	NO	HSC Regulated	NO

12 Ecological Information:

NOT DETERMINED

13 Disposal Considerations:

Disposal Method

DISPOSE OF WASTE LIQUID IN ACCORDANCE WITH LOCAL REGULATIONS.
EMPTY CONTAINERS SHOULD BE RINSED AND DISCARDED IN A WASTE CONTAINER OR OFFERED FOR RECYCLING IF POSSIBLE. DO NOT USE EMPTY CONTAINERS FOR OTHER PURPOSES. FOLLOW ALL NATIONAL OR REGINAOL REGULATIONS FOR DISPOSAL

14 Transport Information:

Product Regulated for Transport	NO

If regulated

Proper Shipping Name:	N/A
Hazard Class Number, Name:	N/A
UN Number, Packing Group:	N/A

15 Regulatory Information:

Special Health and Safety Information:	NONE
Classification:	NONE
Risk, and Safety Information for Label:	N/A

16 Other Information:

The information provided in this COSHH Sheet has been obtained from sources believed to be reliable. The manufacturer provides no warranties, either expressed or implied and assumes no responsibility for accuracy or completeness of the data contained herein. The information is offered for your consideration and investigation. You should satisfy yourself that you have all current data relevant to you particular use. The manufacturer knows of no medical conditions other than those noted on this COSHH, which are generally recognised as being aggravated by exposure to this product.