Safety Data Sheet

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier ENDOZIME AW PLUS

Registration number ECHA-67b3b986-d59d-4d4e-82be-5b18ebbbf282

1.2 Relevant identified uses of the

substance or mixture

Enzymatic Detergent

Uses advised against Not applicable

1.3 Supplied by PESKETT SOLUTIONS LTD

(Authorised Rep. for CE) 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: 11 October 2011

Data Sheet Reference:

Contact: Matthew Peskett Email: matthew@ruhof.co.uk

1.4 Emergency Telephone Number 01323 511038, 07973 166737

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Product Definition: Mono-constituent substance

Classification according to Regulation (EC) No. 1272/2008 and its amendments

Eye Contact R36 Irritation and Reddening, Category 1.

Skin Contact R38 Irritation Category 1.

Inhalation R37 Irritation of respiratory tract, Category 1. R22 GASTRIC UPSET AND IRRITATION.

Classification according to Directive 67/548/EEC, 1999/45/EC and its amendments

Medical Conditions Generally Aggravated by R36/37/38 Sensitivity in nasal area, skin, eyes.

Exposure:

Category of Danger? None

2.2 Label elements

Hazard pictograms None Hazard symbols None

Risk phrase R36/37/38 Irritating to eyes, respiratory system and skin

2.3 Other hazards

R42- Repeated inhalation of enzyme spray or mist may cause allergic reaction in susceptible persons if used incorrectly.

Section 3: Composition/information on ingredients

Substance/mixture Mono-constituent substance

Product/ingredient nameIdentifierHSC(UK) WEL% (Optional)2 – Propanol67-63-0400 ppm<10%</td>

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to

the classification of the substance and hence require reporting in this section.

Section 4: First-Aid Measures:

Product: Endozime AW Plus

4.1 Description of first aid measures

Skin Contact S28 Flush with a large amount of water S28 Flush with a large amount of water

Inhalation S63 Remove to fresh air

Ingestion S62 If ingested (not likely) give one or two glasses of water and

consult physician.

4.2 Most important symptoms and effects, both acute and delayed

Eye Contact Irritation and reddening Skin Contact Irritation

Inhalation Irritation of respiratory tract

Ingestion No specific data

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically. Contact poison treatment specialist

immediately if large quantities have been ingested.

Specific Treatments No specific treatment

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Section 5: Firefighting Measures

5.1 Extinguishing media

Extinguishing Media Water, Fog, Foam, CO2, DRY CHEMICAL

5.2 Special hazards arising from the substance or mixture

Fire/Explosion Hazards None Known

Hazardous Decomposition/Byproducts None Known

5.3 Advise for firefighters

Special Fire Fighting Procedures Fight surrounding fire use equipment as if chemical fire.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel No action shall be taken involving any personal risk without suitable

training. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective

equipmer

For emergency responders If specialised clothing is required to deal with the spillage, take note of

any information in section 8 on suitable and unsuitable materials. See

also information in "For non-emergency personnel".

6.2 Environmental precautionsThis product is full biodegradable. Follow all national or regional

regulations for disposal.

6.3 Methods and material for containment and cleaning up

In Case Material Is Released or Spilled Flush or Mop to sanitary sewer. Biodegradeable.

6.4 Reference to other sections

See section 1 for emergency contact information.

See section 8 for information on appropriate personal protective

equipment.

See section 13 for additional waste treatment information.

Section 7: Handling and storage

7.1 Precautions for safe handling Handle with usual precautions for chemicals.

Put on appropriate personal protective equipment (see

Section 8). Do no ingest.

7.2 Conditions for safe storage, including any

incompatibilities

Store in a cool dry area in accordance with local regulations.

Keep away from oxidants.

7.3 Specific end use(s)

 $\begin{tabular}{ll} Recommendations & N/A \\ Industrial sector specific solutions & N/A \\ \end{tabular}$

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Recommended monitoring procedures
If this product contains ingredients with exposure limits, personal,

workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous

substances.

Derived effect levels
Predicted effect concentrations
No PECs available
No PECs available

8.2 Exposure Controls

Eve Protection \$39 - WEAR EYE/FACE PROTECTION

Hand Protection/Gloves \$37 - PLASTIC OR RUBBER.

Respiratory Protection S23 - EN405 (GRADE FFA1P2D) - MASK IF MIST IS

LIKELY.

Special Clothing/ Equipment \$36 - APRON.

Other Work/Hygiene Precautions Wash contaminated clothing before reuse.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Clear Blue Liquid

Odour: Tropical 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

9.2 Other informationNo additional information

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Section 10: Stability and Reactivity

No specific test data related to reactivity available for this 10.1 Reactivity

product or its ingredients.

10.2 Chemical Stability The product is stable.

10.3 Possibility of hazardous reactions Under normal conditions of storage and use, hazardous

reactions will not occur.

Do not freeze 10.4 Conditions to avoid Strong oxidants 10.5 Incompatible materials 10.6 Hazardous decomposition products None Known

Section 11: Toxicological Information

11.1 Information on toxicological effects

Carcinogenicity No Mutagenicity No NTP No Reproductive Toxin No **IARC** No Possible Sensitizer No

HSC Regulated No

Section 12: Ecological information

12.1 Toxicity Not applicable 12.2 Persistence and degradability Biodegradable

12.3 Bioaccumulative potential Not applicable 12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

PBT No

P: N/A. B: N/A. T: No.

vPvB N/A

vP: N/A. vB: N/A.

12.6 Other adverse effects No known significant effects or critical hazards.

Section 13: Disposal Considerations

13.1 Waste treatment methods

Disposal Method Landfill or sewer - Biodegradable. Follow all national or

regional regulations for disposal.

Section 14: Transport Information

14.1 UN number N/A 14.2 UN proper shipping name N/A N/A 14.3 Transport hazard class(es) 14.4 Packing group N/A 14.5 Environmental hazards N/A N/A 14.6 Special precautions for user Product Regulated for Transport Nο N/A

14.7 Transport in bulk according to Annex II of

MARPOL 73/78 and the IBC Code

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture

Special Health and Safety Information: None Classification: None N/A Risk, and Safety Information for Label: N/A 15.2 Chemical Safety Assessment

Section 16: Other information

NFPA 704(USA): Health=1; Flammability=0; Reactivity=0; Special=None

Sara Hazards: Fire? No; Pressure? No; Reactivity? NO; Acute? Yes; Chronic? No

The information provided in this COSHH Sheet/Safety data 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/Safety data sheet, which are generally recognised as being aggravated by exposure to this product.

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