



MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

Genesis

Recommended Use: Medical machine detergent.

Product Code: 260092 (2x5L – wide neck)

Whiteley Medical

A division of Whiteley Corporation Pty Ltd (A.C.N. 000 906 678)

Postal Address: P. O. Box 1076 North Sydney NSW 2059

Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077

Web: www.whiteley.com.au

Emergency Telephone Number: Poisons Information Centre (National) 131126

Section 2: HAZARDS

Classified as hazardous by the criteria of Safe Work Australia.

Xi	Irritant
R36	Irritating to eyes
S39	Wear eye/face protection
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice .

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether	166736-08-9	<10%
Ingredients deemed not to be hazardous	Not applicable	To 100%
Enzyme	9000-90-2	<1%
Enzyme	9001-73-4	<1%

The total enzyme concentration is below 1%

Section 4: FIRST AID

Eye (Contact)	Hold eyelids apart and flush the eye continuously with running water.
Skin (Contact)	Remove contaminated clothing and flush skin and hair with running water.
Inhalation(Breathing)	Not volatile at room temperatures but aerosol of concentrated solution may irritate respiratory and nasal passages.
Ingestion (Swallowing)	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically for strong detergent containing proteolytic enzymes.
First Aid Facilities	Ensure an eye bath and safety shower are available and ready for use.
Additional Information	No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	Use dry chemical powder, foam, water spray or fog type extinguishers for product that is burning.
Hazards From Combustion Products	Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.
Precautions For Fire Fighters and Special Protective Equipment	Keep containers cool by spraying with water.
Additional Information	Hazchem Code – Not applicable.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Not applicable.
Spills / Clean up	Slippery when spilled. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling	Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorised use of this product may result in personal injury or damage to equipment. Store product in original container. Wash hands and face thoroughly after handling.
Conditions for Safe Storage	Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Proteolytic Enzyme	9014-01-1	60ng/m ³	-----

Biological Limit Values	Not available.
Engineering Controls	Not normally required.

Personal Protective Equipment

Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact.

Skin protection – Use rubber gloves to prevent skin contact during use. Enclosed shoes should also be used to prevent skin contact. Additional protective clothing (eg apron) may be necessary if contact with the chemical is likely to occur.

Respiratory protection – Respirator is not usually necessary but if product is irritating use a respirator suitable for organic vapours.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear blue-green liquid

Boiling Point approximately 100°C

Odour Characteristic odour

Freezing Point approximately 0°C

pH 7.0-8.0

Solubility Soluble in water.

Specific Gravity 1.040-1.070

Flash Point Not Applicable.

Vapour Pressure Not Available.

Upper and Lower Flammability limits (in air) Not Applicable.

Vapour Density Not Available.

Ignition Temperature Not Applicable.

Section 10: STABILITY AND REACTIVITY

Chemical Stability

Stable for period of shelf-life when stored as directed.

Conditions to avoid

Avoid high temperatures (store below 30°C). Do NOT store in direct sunlight. Protect against physical damage.

Incompatible materials

None known. Do not mix with other chemicals.

Hazardous decomposition products

None known.

Hazardous reactions

None known.

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute

Swallowed Considered an unlikely route of entry in commercial / industrial environments. May be irritating to gastro-intestinal tract.

Eye May cause irritation and reddening.

Skin May cause irritation.

Inhaled Inhalation of mist may cause irritation.

Chronic

Swallowed No effects known.

Eye No effects known.

Skin No effects known

Inhalation Inhalation of enzyme aerosols may cause sensitisation and allergic type reactions

TOXICITY DATA

Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Not available.

Persistence and degradability Not available.

Mobility Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method Disposal to sewer is normally recommended with copious amounts of water. Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.

Special precautions Suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number Not applicable.

UN Proper Shipping Name Not applicable.

Class and subsidiary risk Not applicable.

Packing Group Not applicable.

Special precautions for user Not applicable.

Hazchem Code Not applicable.

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not applicable.

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

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