

Safety Data Sheet

Section 1: IDENTIFICATION

ZYMAGIC

Recommended Use: Enzyme Based Drain Cleaner

Product Code: See Manufacturers Code

Company:	MICHALIS GROUP PTY LTD TRADING AS ALL-PRO CHEMICAL AND CLEANING SUPPLIES
Address:	3/7 AYRSHIRE CRESCENT, SANDGATE N.S.W 2304
Telephone Number:	(02) 4968 2000
Emergency Telephone Number:	Poisons Information Centre: Westmead NSW Australia 131126

Manufacturers Product Code:	ZYMAGIC	(5L)
	ZYMAGIC	(20L)
	ZYMAGIC	(25L)
	ZYMAGIC	(205L)

Section 2: HAZARDS

Classified as non-hazardous according to the criteria of the NOHSC.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not Applicable	To 100%

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.
Ingestion (Swallowing)	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone: 13 11 26) or a doctor.
Advice to Doctor	Treat symptomatically
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.
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 ALL-PRO sales representative for advice when using this product for any application other than that outlined on the label. Any non-authorized use of this product may result in personal injury or damage to equipment. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
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>
None Available	-----	-----	-----
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. Respiratory protection- Respirator is not usually necessary but if product is irritating use a suitable respirator.		

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point/Melting Point: 100°C

Odour: SWEET

Ignition Temperature: NOT APPLICABLE

pH: 5.5 – 6.0

Freezing point: NOT AVAILABLE

Vapour Density: NOT AVAILABLE

Specific Gravity: 1.0

Flashpoint (°C): NOT RELEVANT

Vapour Pressure: (pascals pr mm of Hg at 25°C): NOT AVAILABLE

Appearance: CLEAR LIQUID

Upper and Lower Flammability limits (in air): NOT APPLICABLE

Solubility (g/l): NOT AVAILABLE
(DILUTABLE)

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under normal ambient storage conditions.
Conditions to avoid	Avoid high temperatures (store below 30°C). 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

Inhalation :	None known.
Ingestion :	No effect if ingested in small amounts. Relative to other materials, a single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, oesophagus and stomach can develop following ingestion.
Skin:	Slight redness on hands and forearms if individual has a history of dermal allergic reaction. Dermatitis and skin sensitisation can develop after repeated and/or prolonged contact with human skin.
Eye	This material may cause eye irritation. Organisms used are non-pathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics.

TOXICITY DATA

Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not available.
Persistence and degradability	Not available.
Mobility	Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposable method	Refer to State/ Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorized landfill.
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 (AICS).

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

Prepared By: Ian Barkley
Position: Managing Director

Date of preparation: 1st July 2014

Legend to Abbreviations and Acronyms

AICS Australian Inventory of Chemical Substances

CAS Chemical Abstracts Service (Registry Number)

deg C ('C) degrees Celsius

ES-STEL Exposure Standard – Short Term Exposure Limit

ES-TWA Exposure Standard – Time Weighted Average

G gram

g/l grams per litre

Ltr (L) Litre

Mm millimetre

NOHSC National Occupational Health and Safety Commission

SUSDP Standard for the Uniform Scheduling of Drugs and Poisons

UN United Nations (number)