

Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	10X Concentrate
Chemical Name:	Organic Acid Biopolymer Mixture
Supplier Name :	Prozyme Australia Pty. Ltd
Supplier Address :	28-32 Railway Parade, Welshpool WA 6148
Emergency Telephone Number :	0427 786 662

2. HAZARD IDENTIFICATION

Hazard Classification: **Non-hazardous Substance** **Non-dangerous Goods**

Hazard classification according to the criteria of National Occupational Health & Safety Commission (NOHSC), and Safe Work Australia Criteria. Dangerous goods classification according to the Australia Dangerous Goods Code.

UN No.:	N/A	DG Class:	N/A
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Packing Group:	N/A	Hazchem Code:	N/A
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Safety Phrases

S23 Do not breathe vapour/spray

S25 Avoid contact with eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients Name	CAS	Proportion %
Mixed Organic Acid Complex	N/A	6 – 12%
Other ingredients determined not to be hazardous, including water	N/A	88 - 94%

4. FIRST AID MEASURES

Inhalation : Remove the source of contamination and move the affected person to fresh air. Keep at rest and warm. If symptoms persist seek medical attention.

Ingestion : Wash out mouth and lips thoroughly with water. Give plenty of water to drink. Seek medical attention.

Skin : If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation develops seek medical attention.

Eye : If in eyes, hold eye lids apart and flush immediately with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.

Advice to Doctor : Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability :	Not Flammable.
Fire & Explosion :	No fire or explosion hazard exists.
Suitable Extinguishing Media :	Water spray, water fog, foam, carbon dioxide and dry chemical powder.
Specific Hazards :	None.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures :	Slippery when spilled. Avoid accidents, clean up immediately. Wear appropriate personal protective equipment and clothing to minimise exposure. If possible contain the spill, prevent run-off into drains and water ways. Place inert absorbent material onto spillage. Collect and place in labelled containers. If contamination of sewers or waterways occurs, inform the local water authorities in accordance with local regulations. Disposal should be in accordance with the relevant local government regulations.
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7. HANDLING AND STORAGE

Precautions for Safe Handling :	Wear appropriate protective clothing and equipment to prevent inhalation, or eye contact. Use in designated areas with adequate ventilation.
Conditions for Safe Storage:	Storage should be in a cool, dry and well-ventilated area away from incompatible materials such as strong acids and oxidizing agents. Keep the containers tightly sealed when not in use, and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Dark Tan Liquid
Odour :	Fermented beer or Bundaberg rum with citric or vinegar tones
Melting Point :	0 °C (water)
Boiling Point :	100 °C (water)
Solubility in water :	Miscible in all proportions
Specific Gravity :	1.02 – 1.06
pH Value :	5.5 – 6.5
Vapour Pressure :	17 mmHg @ 20 °C
Vapour Density :	Not available
Evaporation Rate :	Not available
Viscosity :	200 - 800 cPs
Flash Point :	Not applicable
Flammability :	Non-combustible liquid

Flammable Limits : Not applicable
Lower / Upper

9. STABILITY AND REACTIVITY

Chemical Stability : Stable under normal conditions of storage and handling.

Incompatible Materials : Oxidising agents and strong acids

Hazardous Decomposition Products : Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide. Hazardous Polymerisation is not likely to occur.

10. TOXICOLOGICAL INFORMATION

Toxicology Information : Low Toxicity. This product has the potential to cause adverse health effects with ingestion, direct eye contact of neat solution.
Use safe work practices to avoid eye contact, inhalation or ingestion.

Inhalation : Mild irritant. Over exposure may cause slight irritation of nose and throat. Due to the low vapour pressure, this product is not anticipated to be an inhalation hazard with normal use.

Ingestion : Ingestion of this product in large quantities may irritate the gastric tract causing nausea and vomiting.

Skin : Whilst unlikely, Extended skin contact may cause sensitisation for susceptible individuals.

Eye : Eye contact may cause eye irritation, lacrimation and redness.

Chronic Effects : Not available.

11. ECOLOGICAL INFORMATION

Ecotoxicity : Not available.

Persistence / Degradability : Biodegradable.

Mobility : Not available.

Bioaccumulative Potential : Not available.

Environmental Protection : Avoid directly contaminating natural waterways.

12. DISPOSAL CONSIDERATIONS

The disposal of the spill or waste material must be done in accordance with applicable local and national regulations.

13. TRANSPORT INFORMATION

Road and rail transport :	Not classified as Dangerous Goods for the Transport of Dangerous Goods by Road and Rail (ADG Code).
Marine Transport :	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Air Transport :	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
Harmonised System Code:	291819

14. REGULATORY INFORMATION

Regulatory Information :	Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Poisons Schedule :	Not scheduled
AICS (Australia) :	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or otherwise are in compliance with NICNAS requirements.

15. OTHER INFORMATION

Date of Preparation of MSDS : April 2023

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