CleanPrint Chemicals

SAFETY DATA SHEET

1.Identification of Preparation

Product Name: Water Treatment Super Enzymes (WTSE)

Synonyms:

2. Hazardous Ingredients/Identity Information

Recommended use: Enzymes for treating waste water

Appearance: Clear amber to brown liquid with an distinctive odour

Chemical entity	c.a.s. no.	prop
Alpha Amylase	**9000-90-2**	**low**
Lipase	9001-62-1	low

3. Hazards Identification

The substance is not hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] *3rd Edition*.

Not classified as Dangerous Goods for the purpose of transport by Road or Rail. Refer to relevant regulations for storage and transport requirements.

Poisons Schedule (Aust)/Toxic Substance (NZ): n/a

4. FIRST AID MEASURES

Poison Information Centres in each State Capital city can provide additional assistance for scheduled poisons.

INGESTION: Rinse mouth with water. Give water to drink. DO NOT induce vomiting. Seek medical assistance.

EYE CONTACT: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SKIN CONTACT: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use.

INHALATION: None necessary.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Non combustible material

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Avoid accidents. Clean up immediately. Collect in properly labelled drums. Wash the spillage area with water.

7. HANDLING & STORAGE

STORAGE: Store in a sealed container. Keep container closed at all times.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

No value assigned for this material by the National Occupational Health and Safety Commission (Worksafe Australia)

ENGINEERING MEASURES

None required

PERSONAL PROTECTION EQUIPMENT

9. PHYSICAL AND CHEMICAL PROPERTIES

Form/Colour/Odour: Clear amber to brown liquid with an distinctive odour.

Solubility: Totally soluble

Specific Gravity (25 C)	1.08	Melting Point (C):	<0
Rel Vapour Density	N Av	Boiling Point (C)	100
Vapour Pressure (25 C)	N Av	Decomp. Point (C)	N Av
Flash Point	*	Sublimation Point:	N Ap
Flammability Limits	N Ap	pH:	7
Autoignition Temp:	N Ap	Viscosity: Water thin	
HAPs 0			

N Ap = Not applicable N Av = Not Available

10. STABILITY AND REACTIVITY

Stability: Stable over a wide range of pressures and temperatures. Will not react with most other chemicals

11. TOXOCILOGICAL INFORMATION

Main symptoms: No adverse health effects expected if the product is handled in accordance with the Safety Data Sheet and the label. Symptoms that may arise if the product is mishandled are:

Ingestion: Swallowing can result in nausea, vomiting and abdominal pain.

Eye contact: Irritant

Inhalation: No effect in liquid form

Long Term Effects: No information available for product.

Acute toxicity/Chronic Toxicity: No information available for product.

12. ECOLOGICAL INFORMATION

No information available for product

13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority.

14. TRANSPORT INFORMATION

Classified as Non Dangerous Goods for the purpose of transport by road or rail.

UN No.: **Class:**

Hazchem Code: **EPG:**

Packaging Group:

Proper Shipping Name:

Segregation Dangerous Goods: Non dangerous goods for transport

15. REGULATORY INFORMATION

The substance is not hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] *3rd Edition*.

The substance is Hazardous according to the *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008(2004)] *3rd Edition*.

Poisons Schedule (Aust)/Toxic Substance (NZ): n/a

16. OTHER INFORMATION

Issue Date: 20/08/14 **Author:** C.I. Bright

Poisons Information Centres

Emergency Contact Number: Australia 131 126, NZ 0800 764 766

17. DISCLAIMER

The information contained herein is provided in good faith and is believed to be correct as at the date hereof. No representation as to the comprehensiveness or accuracy of information provided is taken . It is expected that individuals receiving the information will exercise their independant judgement in determining its appropriateness for a particular purpose. Accordingly we shall not be responsible for damages of any kind resulting from the use or reliance upon such information.

END OF MATERIAL SAFETY DATA SHEET

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