

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PIP RESULT

1. Product and Company identification	
Product Name	PIP Result
Product Description	Biodegradable Environmentally Friendly Probiotic Floor Cleaner
Manufacturer/ Supplier	Hychem (Pty) Ltd
Physical address	11/13 Silverstone Crescent Kyalami Business Park Midrand
Postal Address	PO Box 5742; Rivonia; 2128
Contact Details	Emergency: 011-466 1885

2. Composition/ Information on ingredients	
Chemical Nature	Neutral Biological Liquid
Components contributing to the hazard	None
Chemical or generic name of components	N/A
Concentration range	N/A
VHIGH >60%, HIGH 30-60%, MED 10-29%, LOW 1-9%, VLOW >1%	
Classification and hazard labelling	Not applicable
Major hazard	Not applicable
UN/ CAS	Not applicable
R-Phrases	R36

3. Hazard identification (Summary of most important hazards)	
Hazard category	Not classified as hazardous
Adverse human health affects	Slightly Irritating to eyes
Environmental effects	EC648/2004 compliant
Physical hazard	Handle open container with care

4. First Aid Measures	
Action to be avoided	Do not induce vomiting
Inhalation	Remove patient from exposure
Skin contact	Not applicable
Eye contact	Keep eyes open and flush with clean water for at least 15 min. Obtain medical attention
Ingestion	Rinse mouth with water, Do not induce vomiting.
Note to physician	Treat symptomatically as for general detergent

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5. Fire fighting measures	
Extinguishing media	Non flammable
Inappropriate distinguishing media	Not applicable
Specific hazards	None
Special equipment for protection	None required

6. Accidental release measures	
Personal precautions	Wear protective clothing and equipment to prevent eye contact and ingestion
Environmental precautions	None
Methods for cleaning up recovery	Dilute with water
Neutralisation and disposal of spillage	No neutralisation required Dilute with water, can be disposed of via drain lines.

7. Handling and storage	
Observe the usual precautionary measures for handling and storing chemicals	
Handling	Do not ingest, avoid eye contact Ensure container is properly closed and not leaking
Storage	Keep container tightly closed in a dry secure area. Store away from food stuff. Check containers regularly for leakage and possible distension. Material must be stored in accordance with local rules and legislation

8. Exposure controls/ Personal protection	
<u>Control Parameters</u>	
Limit values	To be monitored at the work place
Biological standards	Refer to UN and R-Phrase numbers
Monitoring procedures	Keep container closed when not in use
Personal protective equipment	Refer to the S-Phrase data
Protective clothing	Wear appropriate protective clothing ie. gloves, goggles.
Personal hygiene measures	Wash contaminated clothing before storage and re-use

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9. Physical and chemical properties	
Form	Liquid
Colour	Green
Odour	Not applicable
PH Value	8.5
Boiling point	100-120°C
Flash point	Non flammable
Vapour pressure	Not ascertained
Vapour density	Not ascertained
Density	Not ascertained
Solubility	Soluble in water
Viscosity at 20°C	4.5mPa.s.
Specific gravity at 20°C	1.007
% Volatile by volume	Not ascertained

10. Stability and reactivity	
Stability and possible hazardous reactions	Product is stable
Conditions/ materials to avoid	Avoid food stuff, keep out of direct sunlight.
Hazardous decomposition	None is stored and used in accordance with the provisions of use

11. Toxicological information	
LD 50test on animals available on certain raw materials in product	
Acute Toxicity	Calculated acute toxicity, LD50 oral rat, mg/kg : 4729
Local effects	Not ascertained
Sensitisation	Not ascertained
Chronic toxicity	None known
Long term toxicity	Not ascertained

12. Ecological information	
Possible environmental effects	The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
Behaviour and fate	Soluble in water
Persistence/ Biodegradability	Readily Biodegradable

13. Disposal considerations	
Disposal of chemical product	According to the local rules and legislation
Disposal of contaminated packaging	Recommended cleaning agent – water

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14. Transport regulations

Not classified as hazardous for transport

15. Regulatory information

National legislation	Refer to the below Risk and Safety phrase Data
Hazard and safety information	Take usual good care as per UN2810
EEC hazard classification Risk phrases	R36 – Irritating to the eyes
EEC hazard classification Safety phrases	S7 – Keep container tightly closed
	S18 – Open and handle container with care
	S24 – Avoid contact with skin
	S25 – Avoid contact with eyes
	S26 – In case of contact with eyes, rinse immediately with plenty of water. Seek medical advice
	S27 – Remove contaminated clothing
	S28 – After contact with skin, rinse with plenty of water
	S36 – Wear suitable protective clothing

16. Additional information (e.g. special training or restrictions on the products use)

Refer to product data sheet

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.