



MATERIAL SAFETY DATA SHEET

PRODUCT:	Powerclean
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1. Product and Company Identification

PRODUCT NAME:	Powerclean	
SYNONYM:		
CHEMICAL NAME:	Medium Duty Solvent Degreaser	
CAS NO:	Main raw material 11176/2	
UN NO:	Main raw material 2369	
REF NO:		
SUPPLIER/MANUFACTURER:	Name:	Pineland Environmental Technology (Pty) Ltd
	Address:	Unit B41 Pinelands Business Park New Mill Road Pinelands
	Tel No:	021 531 3749
	Fax:	021 531 3903
EMERGENCY TELEPHONE NO:	082 464 1074	

2. Composition/Information on Ingredients

CHEMICAL NATURE:	A blend of water soluble solvents, Ethylene Glycol Mono Normal Butyl Ether and the Nonly Phenol Ethers are Non phenol ethoxylate 9 mole, Phosphate, Metasilicates and Neutralised Sulphoric Acid. Butyl Oxitol less than 5%.
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3. Hazards Identification

ADVERSE HUMAN HEALTH EFFECTS:	Low toxic values.
PHYSICAL AND CHEMICAL HAZARDS:	Prolonged use with no hand protection could cause skin irritation.
- Fire or explosion:	N/A (water based product)
CLASSIFICATION/SPECIFIC HAZARDS:	Household cleaner with slightly high pH value +-12.

4. First Aid Measures (To be done by first aid personnel)

INHALATION:	Water based product with low odours.
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SKIN CONTACT:	Prolonged contact can cause irritation. Wear gloves – wash with water and put on a protective cream.
EYE CONTACT:	Flush eyes with excess water.
INGESTION:	Induce vomiting.

Notes to Physician (NB: This treatment is only to be given by a medical doctor or under his supervision)

INGESTION:	Only if large quantities have been ingested it would be necessary to use a stomach pump.
CARCINOGENITY:	N/A

5. Fire Fighting Measures

EXTINGUISHING MEDIA:	This product is not flammable.
- Suitable:	CO2 Dry chemical extinguisher can be used around the product.
- Not to be used:	
SPECIFIC HAZARDS:	None.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:	Wear gloves in mopping up.
ENVIRONMENTAL PRECAUTIONS:	Will neutralize in nature with no harmful effect.
METHODS FOR CLEANING UP:	Mop up – send down drain with excess water.

7. Handling and Storage

HANDLING:	Normal condition.
Technical Measures:	None.
STORAGE:	Store in cool, dry area
Technical measures:	
Recommended storage conditions:	
Incompatible products:	None.
Packaging:	All types of plastic.
Packaging materials:	
- Recommended:	Plastic.

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- Not suitable:	Steel Tins.
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8. Exposure Controls/Personal Protection

Engineering Measures:	N/A
PERSONAL PROTECTIVE EQUIPMENT:	
- Hand Protection:	With prolonged use, use gloves
- Eye Protection:	None
- Skin and body Protection:	Normal overalls.

9. Physical and Chemical Properties

APPEARANCE:	Flourosine Green liquid.
- Physical state:	
- Colour:	Green
ODOUR:	Typical.
- pH:	11.3 – 12.00
SPECIFIC TEMPERATURES:	
- Melting:	Liquid
- Boiling:	100 Degrees C
FLAMMABILITY CHARACTERISTICS:	
- Flash point:	N/A
- Ignition temperature:	N/A
- Explosion limits:	N/A
OXIDIZING PROPERTIES:	None
DENSITY:	1.05
BULK DENSITY:	1.05g/1
VAPOUR PRESSURE:	
SOLUBILITY:	Completely soluble in water.
- In water:	
- In organic solvents:	N/A

10. Stability and Reactivity

STABILITY:	Very stable under normal conditions.
HAZARDOUS REACTIONS:	
- Materials to avoid:	None.
- Conditions to avoid:	Strange Oxidants.
- Hazardous decomposition products:	None.

11. Toxicological Information

ACUTE TOXICITY:	According to our present knowledge – None
LOCAL EFFECTS:	

12. Ecological Information



AQUATIC TOXICITY BEHAVIOUR IN THE ENVIRONMENT:	Palaemon pacificus Fully biodegradable within 60 days.
PERSISTENCE/DEGRADABILITY:	Biodegradable in nature.
EXPECTED BEHAVIOUR OF THE PRODUCT:	None.
POSSIBLE IMPACT/EFFECTS:	
ECOTOXICITY:	

13. Disposal Considerations

STABILITY:	
WASTE FROM RESIDUES:	Wash with excess in drain.
- Disposal:	
CONTAMINATED PACKAGING:	
Decontamination/cleaning:	
Disposal:	

14. Transport Information

LAND:	Product not classified for any mode of transport.
RAIL/ROAD (RID/ADR):	
SEA (IMO/IMDG):	
AIR (ICAO-IATA):	

15. Regulatory Information

EEC REGULATIONS:	Not available.
HAZARD SYMBOL:	
R PHRASES:	
S PHRASES:	

16. Other Information

USES:	Water based product with added solvent
OTHER:	

The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended.

The classification was effectuated according to information derived from technical literature and supplier companies.



Information included in this document is based on our present state of knowledge, however, they do not assure the product properties and do not assume any legal condition.

The material safety data sheet completes the product information without replacing it.

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