



## MATERIAL SAFETY DATA SHEET

PRODUCT:	ELECTRICAL CLEANER
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### 1. Product and Company Identification

PRODUCT NAME:	Electrical Cleaner	
SYNONYM:	Electrical parts cleaning	
CHEMICAL NAME:	Methylene chloride and perchloro ethylene	
CAS NO:		
UN NO:		
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
	Telefax:	(021) 531 3903
EMERGENCY TELEPHONE NO:	082 464 1074 – Chris Davidson	

### 2. Composition/Information on Ingredients

CHEMICAL NATURE:	A solvent emulsion cleaner. Blend of high flashpoint solvents and methylene chloride perchloro ethylene
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### 3. Hazards Identification

ADVERSE HUMAN HEALTH EFFECTS:	
PHYSICAL AND CHEMICAL HAZARDS:	
- Fire or explosion:	High flash point solvent
CLASSIFICATION/SPECIFIC HAZARDS:	



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### 4. First Aid Measures (To be done by first aider)

INHALATION:	Very high boiling point solvent, therefore, inhalation very low
SKIN CONTACT:	Prolonged contact can cause irritation. Wear gloves and apron
EYE CONTACT:	Gently blot or brush away chemical. Wash eyes with excess water
INGESTION:	Do not induce vomiting. Have victim drink water – call doctor

### 5. 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, use stomach pump
CARCINOGENICITY:	No knowledge on this subject is available

### 6. Fire Fighting Measures

EXTINGUISHING MEDIA:	Foam, dry agents and carbon dioxide are suitable
- Suitable:	
- Not to be used:	Do not use water
SPECIFIC HAZARDS:	

### 7. Accidental Release Measures

PERSONAL PRECAUTIONS:	Wear gloves when mopping up
ENVIRONMENTAL PRECAUTIONS:	Harmful in nature, should be handled with care
METHODS FOR CLEANING UP:	Use dry sand or soda ash to dam – call specialist for further handling



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### 8. Handling and Storage

HANDLING:	Normal conditions
Technical Measures:	Always use in small quantities
STORAGE:	Store away from heat source
Technical measures:	
Recommended storage conditions:	
Incompatible products:	
Packaging:	In plastic or steel containers
Packaging materials:	
- Recommended:	
- Not suitable:	

### 9. Exposure Controls/Personal Protection

Engineering Measures:	
PERSONAL PROTECTIVE EQUIPMENT:	
- Hand Protection:	Appropriate gloves
- Eye Protection:	N/A
- Skin and body Protection:	Use normal working overalls

### 10. Physical and Chemical Properties

APPEARANCE:	Clear Solvent liquid
- Physical state:	
- Colour:	Waterlike
ODOUR:	Typical
- pH:	Normal
SPECIFIC TEMPERATURES:	
- Melting:	
- Boiling:	+259 degrees C
FLAMMABILITY CHARACTERISTICS:	
- Flash point:	+ 80 degrees C
- Ignition temperature:	+ 80 degrees C
- Explosion limits:	
OXIDIZING PROPERTIES:	N/A
DENSITY:	1.00
BULK DENSITY:	1.00 g / l
VAPOUR PRESSURE:	
SOLUBILITY:	In solvent
- In water:	Not soluble
- In organic solvents:	In most organic solvents



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### 11. Stability and Reactivity

STABILITY:	Under normal conditions
HAZARDOUS REACTIONS:	Avoid strong oxidizing agents
- Materials to avoid:	Can attack some plastics
- Conditions to avoid:	
- Hazardous decomposition products:	Under conditions of thermal decomposition, carbon monoxide and carbon dioxide will occur.

### 12. Toxicological Information

ACUTE TOXICITY:	Information not available at present
LOCAL EFFECTS:	

### 13. Ecological Information

BEHAVIOUR IN THE ENVIRONMENT:	Oily – not good in environment
PERSISTENCE/DEGRADABILITY:	Will biodegrade slowly in nature
EXPECTED BEHAVIOUR OF THE PRODUCT:	
POSSIBLE IMPACT/EFFECTS:	
ECOTOXICITY:	

### 14. Disposal Considerations

STABILITY:	Incineration – controlled
WASTE FROM RESIDUES:	
- Disposal:	
CONTAMINATED PACKAGING:	
Decontamination/cleaning:	Small quantities can be washed away with excess water
Disposal:	

### 15. Transport Information

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



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### 16. Regulatory Information

EEC REGULATIONS:	
HAZARD SYMBOL:	
R PHRASES:	
S PHRASES:	

### 17. Other Information

USES:	
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.