



MATERIAL SAFETY DATA SHEET

PRODUCT:	HANDCLEANER - H
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1. Product and Company Identification

PRODUCT NAME:	HANDCLEANER - H	
SYNONYM:	Dispensed Hand Soap	
CHEMICAL NAME:	Neutralised Synthetic Detergent and anti microbial hand cleaner	
CAS NO:		
UN NO:		
REF NO:		
SUPPLIER/MANUFACTURER:	Name:	<i>Pineland Environmental Technology (Pty) Ltd</i>
	Address:	Unit B41 Pinelands Business Park New Mill Road Pinelands Cape Town
	Tel No:	+27 (0)21-531-3749
	Telefax:	+27 (0)21-531-3903
EMERGENCY TELEPHONE NO:	083 464 1074 (Chris Davidson)	

2. Composition/Information on Ingredients

CHEMICAL NATURE:	Special blend of detergents, coconut diethanolamine and alcohols
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3. Hazards Identification

ADVERSE HUMAN HEALTH EFFECTS:	None.
PHYSICAL AND CHEMICAL HAZARDS:	None.
- Fire or explosion:	Water based product.
CLASSIFICATION/SPECIFIC HAZARDS:	None.

ALL PINELAND ENVIRONMENTAL TECHNOLOGY HACCP PRODUCTS CARRY THE APPROPRIATE SABS MARK

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email: info@pineland.co.za website: www.pineland.co.za CK: 1991/003667/07 Directors: C Davidson





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

INHALATION:	N/A
SKIN CONTACT:	No adverse effect, wash with water to clean.
EYE CONTACT:	Flush eyes with excess.
INGESTION:	Do not induce vomiting.

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

INGESTION:	Will cause stomach problems but is not poisonous.
CARCINOGENITY:	

6. Fire Fighting Measures

EXTINGUISHING MEDIA:	Powder, foam or CO2
- Suitable:	This product does not itself present a fire hazard.
- Not to be used:	
SPECIFIC HAZARDS:	Decomposes in large fire, producing sulphur dioxide fumes – wear breathing apparatus.

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7. Accidental Release Measures

PERSONAL PRECAUTIONS:	None.
ENVIRONMENTAL PRECAUTIONS:	Large spills should be contained and transferred to salvage containers.
METHODS FOR CLEANING UP:	Use sand or sawdust to mop up small spills.

8. Handling and Storage

HANDLING:	Normal dry, cool condition.
Technical Measures:	
STORAGE:	
Technical measures:	
Recommended storage conditions:	Cool and dry.
Incompatible products:	None.
Packaging:	Plastic.
Packaging materials:	
- Recommended:	Plastic.
- Not suitable:	Steel.

9. Exposure Controls/Personal Protection

Engineering Measures:	
PERSONAL PROTECTIVE EQUIPMENT:	None.
- Hand Protection:	None.
- Eye Protection:	None.
- Skin and body Protection:	None.

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10. Physical and Chemical Properties

APPEARANCE:	Thick clear liquid
- Physical state:	Liquid.
- Colour:	Clear
ODOUR:	Alcohol
- pH:	Neutral.
SPECIFIC TEMPERATURES:	
- Melting:	
- Boiling:	100 degrees C
FLAMMABILITY CHARACTERISTICS:	
- Flash point:	None
- Ignition temperature:	N/A
- Explosion limits:	N/A
OXIDIZING PROPERTIES:	None
DENSITY:	1.05
BULK DENSITY:	1.05g/1
VAPOUR PRESSURE:	None
SOLUBILITY:	
- In water:	Total
- In organic solvents:	N/A

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11. Stability and Reactivity

STABILITY:	Normal Toilet Product
HAZARDOUS REACTIONS:	
- Materials to avoid:	None.
- Conditions to avoid:	None.
- Hazardous decomposition products:	None.

12. Toxological Information

ACUTE TOXICITY:	LD (oral, rats) >200mg/kg
LOCAL EFFECTS:	None.

13. Ecological Information

BEHAVIOUR IN THE ENVIRONMENT:	This product complies with the requirements of European Economic Community
PERSISTENCE/DEGRADABILITY:	Fully biodegradable in nature.
EXPECTED BEHAVIOUR OF THE PRODUCT:	
POSSIBLE IMPACT/EFFECTS:	
ECOTOXICITY:	

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14. Disposal Considerations

STABILITY:	
WASTE FROM RESIDUES:	Wash with excess water after picking up as much as possible with a spade.
- Disposal:	
CONTAMINATED PACKAGING:	
Decontamination/cleaning:	
Disposal:	

15. Transport Information

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

16. Regulatory Information

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

17. Other Information

USES:	Hand wash in toilets.
OTHER:	

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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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