



MATERIAL SAFETY DATA SHEET

PRODUCT:	ANTIBAC HAND CLEANER - H
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1. Product and Company Identification

PRODUCT NAME:	ANTIBAC HAND CLEANER - H	
SYNONYM:	Disinfectant Hand Cleanser	
CHEMICAL NAME:	Quaternary Ammonium Compound with detergent and thickener.	
CAS NO:		
UN NO:	1903 Class 8	
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:	Combination of Quaternary Ammonia Compounds and Nonionic Surfactants, guar gum thickener.
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3. Hazards Identification

ADVERSE HUMAN HEALTH EFFECTS:	Only when vaporized does the product give off unpleasant odours.
PHYSICAL AND CHEMICAL HAZARDS:	N/A
- Fire or explosion:	Not Flammable.
CLASSIFICATION/SPECIFIC HAZARDS:	

ALL PINELAND ENVIRONMENTAL TECHNOLOGY HACCP PRODUCTS CARRY THE APPROPRIATE SABS MARK

Tel: + 27 (0)21 531 3749 Fax: + 27 (0)21 531 3903

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:	Move person to fresh air.
SKIN CONTACT:	Will effect skin with prolonged exposure, always rinse well.
EYE CONTACT:	Flush eyes with excess water and seek medical advice.
INGESTION:	No adverse effect with small doses. For large doses, drink a large quantity of milk, egg white/gelatin solution or drink a large quantity of water.

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

INGESTION:	Only on large intakes would it cause loosening of the stomach.
CARCINOGENITY:	N/A

6. Fire Fighting Measures

EXTINGUISHING MEDIA:	Water Fog, Carbon Dioxide, Alcohol resistant foam, Dry chemicals.
- Suitable:	
- Not to be used:	None known
SPECIFIC HAZARDS:	

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7. Accidental Release Measures

PERSONAL PRECAUTIONS:	None.
ENVIRONMENTAL PRECAUTIONS:	Low toxicity still not to be released into nature.
METHODS FOR CLEANING UP:	Wash with excess water.

8. Handling and Storage

HANDLING:	Normal handling conditions
Technical Measures:	
STORAGE:	Cool, dry area.
Technical measures:	N/A
Recommended storage conditions:	
Incompatible products:	
Packaging:	
Packaging materials:	
- Recommended:	Plastic containers
- Not suitable:	

9. Exposure Controls/Personal Protection

Engineering Measures:	
PERSONAL PROTECTIVE EQUIPMENT:	
- Hand Protection:	Avoid prolonged contact, rinse
- Eye Protection:	None under normal conditions.
- Skin and body Protection:	Avoid prolonged contact, rinse.

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10. Physical and Chemical Properties

APPEARANCE:	Thickened Yellow Liquid
- Physical state:	Thickened Liquid
- Colour:	Yellow – tartrazine dye
ODOUR:	Typical
- pH:	Slightly alkaline
SPECIFIC TEMPERATURES:	
- Melting:	N/A
- Boiling:	100 degrees C
FLAMMABILITY CHARACTERISTICS:	Water based product
- Flash point:	N/A
- Ignition temperature:	N/A
- Explosion limits:	N/A
OXIDIZING PROPERTIES:	N/A
DENSITY:	1.02
BULK DENSITY:	
VAPOUR PRESSURE:	N/A
SOLUBILITY:	
- In water:	Total.
- In organic solvents:	

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11. Stability and Reactivity

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

12. Toxicological Information

ACUTE TOXICITY:	N/A
LOCAL EFFECTS:	Skin irritation for sensitive individuals and stomach distress in case of ingestion of substantial amount

13. Ecological Information

BEHAVIOUR IN THE ENVIRONMENT:	Low effect on environment.
PERSISTENCE/DEGRADABILITY:	Degradable
EXPECTED BEHAVIOUR OF THE PRODUCT:	
POSSIBLE IMPACT/EFFECTS:	
ECOTOXICITY:	Low.

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14. Disposal Considerations

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

15. Transport Information

LAND:	No special transport conditions.
RAIL/ROAD (RID/ADR):	
SEA (IMO/IMDG):	
AIR (ICAO-IATA):	

16. Regulatory Information

EEC REGULATIONS:	Not known.
HAZARD SYMBOL:	Xi (irritant)
R PHRASES:	R36/38
S PHRASES:	S26; S46

17. Other Information

USES:	Hand Disinfectant Cleanser
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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