



MATERIAL SAFETY DATA SHEET

PRODUCT:	DISH BLITZ - H
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1. Product and Company Identification

PRODUCT NAME:	DISH BLITZ - H	
SYNONYM:		
CHEMICAL NAME:	Caustic Solution Blend	
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:	Contains Sodium Hydroxide, tetrasodium salt, preservative, aqua,
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3. Hazards Identification

ADVERSE HUMAN HEALTH EFFECTS:	Harmful if swallowed or absorbed through skin. Extremely destructive to mucous membrane, respiratory tract and skin.
PHYSICAL AND CHEMICAL HAZARDS:	
- Fire or explosion:	Not pertinent.
CLASSIFICATION/SPECIFIC HAZARDS:	Corrosive material.

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

INHALATION:	N/A
SKIN CONTACT:	Remove contaminated clothing, flush thoroughly with water. Do not rub.
EYE CONTACT:	Extremely corrosive. Flush eyes with copious amounts of water for at least 15 minutes. If required, consult and eye specialist.
INGESTION:	If victim is conscious let victim drink water or milk. Do not induce vomiting, seek medical assistance.

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: 1991/00366 7/07 Directors: C Davidson





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

INGESTION:	Gastro intestinal irritation or ulceration and sever burns of the mouth, throat and stomach. May cause perforation of the esophagus or stomach.
CARCINOGENITY:	Has been shown to cause cancer of the esophagus and skin cancers following severe skin burns. Cancer may be due to tissue destruction and scarring rather than the chemical.

6. Fire Fighting Measures

EXTINGUISHING MEDIA:	
- Suitable:	Not pertinent
- Not to be used:	Not pertinent.
SPECIFIC HAZARDS:	Not pertinent.

7. Accidental Release Measures

PERSONAL PRECAUTIONS:	Full face mask with OSHA/MSHA approved respirator, chemical safety spectacles, PVC gloves, rubber/PVC apron and protective clothing.
ENVIRONMENTAL PRECAUTIONS:	Do not discharge into drains or rivers.
METHODS FOR CLEANING UP:	Flush with plenty of water.

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8. Handling and Storage

HANDLING:	
Technical Measures:	Does not require any specific or particular measures.
STORAGE:	
Technical measures:	Does not require any specific or particular measures.
Recommended storage conditions:	Store only in original, closed containers in ambient temperature.
Incompatible products:	Acids, acid chlorides/anhydrides, aluminum, tin, zinc.
Packaging:	Plastic containers.
Packaging materials:	
- Recommended:	Plastic.
- Not suitable:	Aluminum.

9. Exposure Controls/Personal Protection

Engineering Measures:	
PERSONAL PROTECTIVE EQUIPMENT:	
- Hand Protection:	Protective rubber/PVC gloves
- Eye Protection:	Chemical safety spectacles
- Skin and body Protection:	Rubber/PVC apron with protective coverall.

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10. Physical and Chemical Properties

APPEARANCE:	
- Physical state:	Clear Liquid
- Colour:	Colourless or pink
ODOUR:	None
- pH:	>14
SPECIFIC TEMPERATURES:	
- Melting:	5 Degrees C
- Boiling:	Not pertinent
FLAMMABILITY CHARACTERISTICS:	
- Flash point:	Non flammable.
- Ignition temperature:	Non flammable.
- Explosion limits:	Not pertinent
OXIDIZING PROPERTIES:	Non oxidizing.
DENSITY:	
BULK DENSITY:	1.45
VAPOUR PRESSURE:	Not pertinent.
SOLUBILITY:	
- In water:	Soluble in water.
- In organic solvents:	Soluble in alcohols.

11. Stability and Reactivity

STABILITY:	Stable
HAZARDOUS REACTIONS:	
- Materials to avoid:	Acids, acid chlorides/anhydrides, aluminum, tin, zinc.
- Conditions to avoid:	
- Hazardous decomposition products:	Not pertinent.

12. Toxicological Information

ACUTE TOXICITY:	LD ₅₀ (oral, rabbit) 500mg/kg (10% solution) TLVE 2mg/m ³
LOCAL EFFECTS:	Harmful if swallowed or absorbed through skin.

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13. Ecological Information

BEHAVIOUR IN THE ENVIRONMENT:	
PERSISTENCE/DEGRADABILITY:	Potentially biodegradable.
EXPECTED BEHAVIOUR OF THE PRODUCT:	Ultimate destination: Soil and sediment.
POSSIBLE IMPACT/EFFECTS:	Dangerous to aquatic life in high concentrations.
ECOTOXICITY:	1.25 ppm/96 hrs/mosquito 180 ppm/23 hrs/oysters

14. Disposal Considerations

STABILITY:	
WASTE FROM RESIDUES:	
- Disposal:	Wash spill site with water.
CONTAMINATED PACKAGING:	
Decontamination/cleaning:	Rinse with water.
Disposal:	Neutralise with dilute mineral acid. Containerise for waste disposal.

15. Transport Information

LAND:	Normal transport conditions.
RAIL/ROAD (RID/ADR):	
SEA (IMO/IMDG):	
AIR (ICAO-IATA):	

16. Regulatory Information

EEC REGULATIONS:	
HAZARD SYMBOL:	Xn, Harmful
R PHRASES:	35
S PHRASES:	2 – 26 – 27 – 37/39

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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.

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