



# **HD BEST MACHINE DISHWASH**

## **Material Safety Data Sheet**

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### **Identification**

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**Product Name:** HD BEST Machine Detergent

**Use:** Automatic Warewash Detergent  
**Packaging Group:** 11

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**UN Number:** 1824

**Dangerous Goods Class:** 8  
**Hazchem Code:** 2R  
**Toxic Substances Schedule:** POISON

### **Physical Description / Properties**

**Appearance:** Clear Liquid

**Boiling Point (° C):** 100+

**pH:** 13 (approx) (1% solution)

**Flash Point (° C):**

**Specific Gravity:** 1.2

**Flammability Limits:** N/A

**Solubility in water:** 100%

**Freezing Point (° C):**

**Contents:** Sodium hydroxide, water, chelate, flocculants, dispersants.

### **Hazardous Ingredients**

<b>Chemical Identity</b>	<b>CAS Number</b>	<b>Proportion (%)</b>
Sodium Hydroxide	1310-73-2	125 g/L
Non Hazardous builders		10 – 20%
Water		○ 20%

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### **Health Hazard Information**

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#### **Health Effects (including data on both long and short term exposures)**

**Swallowed:** Corrosive to mouth, throat etc on contact causing tissue damage, can cause nausea.

**Eyes:** Extreme irritant causing tissue damage and scarring.

**Skin:** Moderately corrosive especially to damaged skin. Severe irritant.  
**Inhaled:** Any mists inhaled will be corrosive to airways and cause irritation. May cause nausea.

**First Aid** Immediate action is necessary to minimise chemical burning effects, especially eyes and internals **The use of PPE is required when manual handling this product.**

**Swallowed:** Do **NOT** induce vomiting. If conscious, give 2 cupfuls of water or milk and seek immediate medical attention.

**Eyes:** Flush with water for at least 30 minutes. Seek immediate medical attention.

**Skin:** Remove contaminated clothing if large area affected, flush with water for 5 – 15 minutes and seek medical advice for any burns.

**Inhaled:** Remove to fresh air if affected. Seek medical attention.

**Advice to Doctor:** Treat as for chemical burn, corrosive liquid.

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### Precautions for Use

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**Ventilation:** Use with adequate ventilation.

**Personal Protection:** Rubber gloves, eye protection, protective clothing. Avoid inhaling any mists.

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### Safe Handling Information

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**Storage & Transport:** Store separately as for corrosive alkali. Store away from foodstuffs. Keep out of reach of children. Store separately from strong acids.

**Spills & Disposals:** Contain and transfer to plastic drums for approved disposal. Wash away small spills with water.

**Fire/Explosion/Hazard/Reaction with other Chemicals:**  
Normally stable but avoid contact with acids, aluminium.

**Contact Point:** Emergency Phone: National Poisons Centre  
0800 764 766 (0800 POISON)

**EMERGENCY:**            INTERNATIONAL +643 479 7227  
**NEW ZEALAND:**        NATIONAL 0800 764 766

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