

Safety Data Sheet

Machine Dishwash Detergent

1. Identification of the Substance / Preparation and of the Company / Undertaking		
Product Name		Machine Dishwash Detergent
Product Code		MD1
Use / Description of Product		A concentrated low foamed dishwashing liquid. Effective with hard or soft water in automatic and conveyor machines
Company Name		Berties Direct Limited Unit 34, Wem Business Park, New Street, Wem, Shropshire, SY4 5JX Tel: 01939 234232 Fax: 01939 235147

2. COMPOSITION/INFORMATION ON INGREDIENTS		
Hazardous Ingredients		Trisodium Nitrotracetate 10-30% EINECS 225-786-6 CAS 5064-31-3 [Xn] R22 [Xi] R36 Sodium Hydroxide 10-30% EINECS 215-185-5 CAS 1310-73-2 [C] R35

3. HAZARDS IDENTIFICATION		
		Causes severe burns

4. FIRST-AID MEASURES		
Inhalation		There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. Transfer to hospital as soon as possible
Skin contact		Blistering may occur. Progressing ulceration will occur if treatment is not immediate. Remove contaminated clothes & drench the affected skin for 10 minutes or longer
Eye Contact		Corneal burns may appear. May cause permanent damage. Bathe the eye with running water for 15 minutes and transfer to hospital
Ingestion		Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose. Wash out mouth with water. Do not induce vomiting & transfer to hospital

5. FIRE-FIGHTING MEASURES		
Extinguishing Media		Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers
Exposure Hazards		Corrosive. In combustion emits toxic fumes

6. ACCIDENTAL RELEASE MEASURES		
Personal Precautions		Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Wear appropriate protective equipment - section 8 of SDS
Environmental Precautions		Do not discharge into drains or rivers. Contain the spillage using bunding - absorb into dry earth or sand

7. HANDLING AND STORAGE		
Handling		Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space
Storage		Store in a cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION		
Hazardous Ingredients		Sodium Hydroxide TWA 2mg/m3 STEL 2mg/m3
Respiratory Protection		Self contained breathing apparatus must be available in case of emergency
Hand Protection		Impermeable gloves
Eye Protection		Tightly fitting safety goggles. Ensure eye bath is at hand
Skin Protection		Impermeable protective clothing Ensure there is sufficient ventilation of the area

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9. PHYSICAL AND CHEMICAL PROPERTIES		
State		Liquid
Colour		Yellow/orange
Odour		Barely perceptible odour
Evaporation rate		Moderate
Solubility in water		Soluble
Viscosity		Non-viscous
Relative density		1.05 - 1.15
pH		1% 12-12.5
10. STABILITY AND REACTIVITY		
Stability		Stable under normal conditions
Conditions to Avoid		Heat
Materials to Avoid		Strong oxidising agents. Strong acids
Hazardous Decomposition		In combustion emits toxic fumes
11. TOXICOLOGICAL INFORMATION		
Hazardous Ingredients		Sodium Hydroxide IPR MUS LD50 40mg/kg ORL RBT LDLO 500mg/kg
12. ECOLOGICAL INFORMATION		
Persistence and Degradability		Biodegradable
Bio accumulative Potential		No bio accumulation potential
Other Adverse Effects		Negligible ecotoxicity
13. DISPOSAL CONSIDERATIONS		
NB		Dispose of as normal industrial waste The users attention is drawn to the possible existence of regional or national regulations regarding disposal
14. TRANSPORT INFORMATION		
UN No		1719
ADR/RID		8
IMDG Class and Packing Group		II
Proper Shipping Name		Caustic alkali liquid N.O.S (Sodium Hydroxide 12%)
Intrastat/Commodity Code		C5
Hazard No ID		80
15. REGULATORY INFORMATION		
Hazard Symbol		Corrosive
Risk Phrases		R35 causes severe burns R36 irritating to eyes R22 harmful if swallowed
Safety Phrases		S26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice S36/37/39 wear suitable protective clothing, gloves and face/eye protection S45 in case of accident or if you feel unwell, seek medical advice immediately and show the label where possible