

Safety Data Sheet

Machine Detergent

1. Identification of the Substance / Preparation and of the Company / Undertaking		
Product Name		Machine Detergent
Product Code		MD2
Use / Description of Product		This additive ensures fast and spot free drying of glassware, crockery & cutlery in automatic 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		Orthophosphoric Acid 1-10% EINECS 231-633-2 CAS 7664-38-2 [C] R34

3. HAZARDS IDENTIFICATION		
		No significant hazard

4. FIRST-AID MEASURES		
Inhalation		No symptoms. Consult a doctor
Skin contact		There may be mild irritation at the site of contact. Wash immediately with plenty of soap and water
Eye Contact		There may be irritation and redness. Bathe the eye with running water for 15 minutes
Ingestion		There may irritation of the throat. Wash out mouth with water

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

6. ACCIDENTAL RELEASE MEASURES		
Environmental Precautions		Do not discharge into drains or rivers. Contain the spillage using bunding
Clean up Procedures		Absorb into dry earth or sand

7. HANDLING AND STORAGE		
Storage		Store in cool, well ventilated area. Keep container tightly closed

8. EXPOSURE CONTROLS/PERSONAL PROTECTION		
Hazardous Ingredients		Orthophosphoric Acid 100%
Respiratory Measures		TWA 1mg/m ³ STEL 2mg/m ³
Hand Protection		Respiratory protection not required
Eye Protection		Protective gloves
Skin Protection		Safety glasses. Ensure eye bath to hand
		Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES		
State		Liquid
Colour		blue
Odour		Barely perceptible odour
Evaporation rate		Moderate
Solubility in water		Soluble
Viscosity		Non-viscous
Relative density		0.97-1.07
pH		1% = 5 - 6

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10. STABILITY AND REACTIVITY		
Stability Conditions to Avoid Materials to Avoid Hazardous Decomposition		Stable under normal conditions Heat Strong oxidising agents. Strong acids In combustion emits toxic fumes
11. TOXICOLOGICAL INFORMATION		
Hazardous Ingredients		Orthophosphoric Acid 100% ORL RAT LD50 1530mg/kg
12. ECOLOGICAL INFORMATION		
Mobility Persistence and Degradability Bio accumulative Potential Other Adverse Effects		Readily absorbed into soil Biodegradable No bio accumulation potential 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 Proper Shipping Name		N/A Not classified as dangerous for transport
15. REGULATORY INFORMATION		
Hazard Symbol Safety Phrases		No significant hazard S2 Keep out of reach of children S46 if swallowed, seek medical advice immediately and show this container or label R34 causes burns