

MATERIAL SAFETY DATA SHEET

1% BENZALKONIUM CHLORIDE (ROCCAL)

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product. The contents and format of this MSDS are in accordance with EC Commission Directive 91/155EEC.

1. **Identification**
 Chemical Constituents Benzalkonium Chloride. Distilled water
 Application
 Roccal is a general purpose antiseptic cleanser for surfaces and equipment where a low toxicity preparation is required.
2. **Composition**
 Aqueous solution of quarternary ammonium compounds comprising a narrow chain length cut of benzalkonium
 Presentation
 Roccal - 1% aqueous solution of benzalkonium chloride
3. **Hazards Identification**
 Main Hazard – No data
4. **First Aid Measures**
 - Eye Contact
 - Wash out thoroughly with plenty of tap water. Seek medical attention if irritation persists
 - Inhalation
 - Nil
 - Skin Contact
 - Rinse in running water
 - Ingestion
 - Drink milk. Seek medical attention if large amount swallowed.
5. **Fire Fighting Measures**
 None
6. **Accidental Release Measures**
 No data
7. **Handling and Storage**
 Avoid prolonged contact with skin or splashing in to eyes. Store in closed containers out of reach of children
8. **Exposure controls / Personal Protection**
 Protective Equipment Wear rubber gloves.
 Respiratory Protection No special requirements.
 Other Measures Boots and protective apron if handling large quantities
9. **Physical and Chemical Properties**
 Appearance Colourless liquid
 Odour Characteristic
 pH - 6.8 - 7.5 (1% and 10% solutions undiluted)
10. **Stability and Reactivity**
 Stability Stable for long periods at normal temperatures
 Bactericidal activity unaffected by boiling, freezing or autoclaving
 Incompatibility None known
11. **Toxicological information** **Low oral toxicity with minimal risk of local irritation.**
 Toxic Effects
 Eyes Contact with eyes and mucous membranes may cause irritation.
 Skin Reactions to Roccal are very rare.
 Inhalation No risk from inhalation of vapour in normal use.
 Ingestion Moderate quantities of diluted Roccal are rarely harmful; large quantities of concentrate may cause nausea and vomiting.
 Interactions Urine samples may give false-positive tests for protein if contaminated with benzalkonium chloride
12. **Ecological Information**
 No data available
13. **Disposal Considerations**
 Dispose of in accordance with local authority regulations.
14. **Transportation Information**
 UN No - None
15. **Regulatory Information**
 Classification - Not classified

16. Other Information

All information, recommendations and suggestions herein concerning the above product are based upon data believed to be reliable, however, it is the users responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. The information herein should not be construed as being absolutely complete since additional information may be necessary or desirable when special or exceptional circumstances exist or because of applicable laws or regulations.

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