

SAFETY DATA SHEET

Benzalkonium Chloride 5%

Date of issue - 24/08/2009.

SR0212

Section 1. Chemical Product and Company Identification

Product No. SR0212
Trade name Benzalkonium Chloride 5%
Manufacturer Oxoid Limited
Wade Road
Basingstoke
Hants RG24 8PW
ENGLAND
Tel: + 44 (0)1256 841144
Fax: + 44 (0)1256 463388
Supplier Oxoid Limited
Wade Road
Basingstoke
Hants RG24 8PW
ENGLAND
Tel: + 44 (0)1256 841144
Fax: + 44 (0)1256 463388

Section 2. Hazards Identification

Most Important Hazards Irritating to eyes and skin.

Section 3. Composition, Information on Ingredients

Preparation - Hazardous ingredients (Europe)

Component	CAS No.	Concentration	Classification	Risk Phrases
Benzalkonium Chloride	8001-54-5	5.00 % w/v	Xn - Harmful. C - Corrosive.	R21/22- Harmful in contact with skin and if swallowed. R34- Causes burns.

Section 4. First Aid Measures

First Aid - Eyes Check for and remove any contact lenses. In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

First Aid - Skin In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.

First Aid - Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

First Aid - Inhalation In case of accident by inhalation: remove casualty to fresh air and keep at rest.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Protection of fire-fighters Be sure to use an approved/certified respirator or equivalent.

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Section 6. Accidental Release Measures

Personal Precautions Wear suitable gloves and eye/face protection.
Spill Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7. Handling and Storage

Handling Avoid contact with eyes, skin and clothing.
Storage Keep container tightly closed. Store between 10 C and 25 C.

Section 8. Exposure Controls, Personal Protection

Protective Measures - Eyes Safety glasses or chemical goggles to EN166, 167 and 168.
Protective Measures - Body Lab coat.

Section 9. Physical and Chemical Properties

Physical state Liquid.
Colour Colourless.

Section 10. Stability and Reactivity

Stability Stable under recommended storage and handling conditions (see section 7).
Materials to avoid oxidizing agents
Hazardous decomposition products carbon oxides (CO, CO₂) nitrogen oxides (NO, NO₂...) Ammonia. Hydrogen Chloride (HCl)

Section 11. Toxicological Information

Acute toxicity Low order of acute toxicity.
Oral LD50 (rat) > 2000 mg/kg.
Dermal LD50 (rabbit) > 2000 mg/kg.
Inhalation LC50 (rat) > 20 mg/litre/4h.
Eye irritation Hazardous in case of eye contact (irritant).
Skin irritation Hazardous in case of skin contact (irritant).
Sensitization - Skin The possibility of allergic sensitisation should be considered.

Section 12. Ecological Information

Ecotoxicity No specific data.

Section 13. Disposal Considerations

Disposal considerations Hazardous waste. Dispose of down sink with plenty of running water.

Section 14. Transport Information

UN : UN number Not regulated.
ADR/RID : Number Not regulated as Dangerous Goods according to the ADG Code

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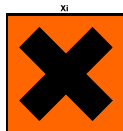
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Section 15. Regulatory Information

Label Requirements

Irritant



Risk Phrases

R36/38- Irritating to eyes and skin.

Safety Phrases

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37- Wear suitable gloves.

EC Classification

Xi Irritant

Section 16. Other Information

MSDS first issued

20/08/2002

MSDS data revised

24/08/2009

Revisions Highlighted

Date of issue

Notes

Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.