

MATERIAL SAFETY DATA SHEET

For

Klercide-CR Biocide B Ready to use and Wipes

This datasheet covers products

Premier Klercide-CR Sterile Biocide B

**KCR4242
KCR4248
KCR4253**

Klercide-CR Biocide B

**KCR705
KCR755**

Klerwipe-CR Sterile Biocide B Low Particulate Pouch Wipe

WPK2525

Klerwipe-CR Sterile Biocide B Low Particulate Mop Wipe

WPM5025

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SAFETY DATA SHEET

KLERCIDE-CR BIOCID B READY TO USE AND WIPES

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Issued: 12/05/05

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: KLERCIDE-CR BIOCID B READY TO USE AND WIPES

Use / description of product: Liquid. Irritant.

Company name: Shield Medicare Ltd

5 Hurlands Business Park

Hurlands Close

Farnham

Surrey

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Tel: +44 (0) 1252 717616

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Stabilised Chlorine Dioxide
didecyldimethylammoniumchloride
isopropanol
water and buffers

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes and skin.

Other hazards: Irritating to eyes. Irritating to skin. Contact with acids liberates toxic gas.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be pain and redness.

Ingestion: Nausea and stomach pain may occur. There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

4. FIRST AID MEASURES (ACTION)

Skin contact: Flush contaminated area with running water, remove any contaminated clothing and launder before reuse. If irritation persists or there is sign of skin damage seek medical advice.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Rinse mouth thoroughly. Give the casualty a small amount of milk/water to drink. Get medical attention if any discomfort continues.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Provide rest, warmth and fresh air.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Oxidising.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Contain the spillage using bunding. Do not discharge into drains or rivers. Flush with water to dilute. Avoid contact with rags or combustible items. For large spills evacuate area, contain liquid and transfer to polyethylene drums. Do not allow liquid to dry. Flush area with water after liquid is removed.

Clean-up procedures: Wash the spillage site with large amounts of water. Avoid all incompatible materials in clean-up procedure - see section 10 of SDS. Absorb into dry earth or sand.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid contact with skin, eyes and clothes. Do not mix with other chemicals.

Storage conditions: Store in cool, well ventilated area. 0 to 25 degrees C. Avoid incompatible materials and conditions - see section 10 of SDS. Keep away from direct sunlight. Do not allow to dry.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Occupational exposure limits**

TWA (8 hr exposure limit): 0.1ppm (OES)

Engineering measures: Ensure there is sufficient ventilation of the area.

Hand protection: Nitrile gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing. Rubber apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Clear to pale yellow

Odour: Slight, chlorine

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range°C: 90-95

Relative density: 1

pH: 6.5 - 9.5

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.

Conditions to avoid: Direct sunlight. Flames. Heat.

Materials to avoid: Acids.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: KLERCIDE-CR BIOCIDES B READY TO USE AND WIPES

ORL RAT LD50 16500 mg/kg

Chronic toxicity: Danger of cumulative effects in contact with the skin.

Routes of exposure: Relatively low toxicity. Classified as irritant.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Degraded by sunlight to chloride ion.

Bioaccumulative potential: No data available.

Other adverse effects: Toxic to soil organisms. Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Cautiously add to an excess of well stirred 5% aqueous sodium bisulphite solution. Do not contaminate rivers, lakes or other water sources.

Disposal of packaging: Clean with water. Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: -

Shipping name: "NOT SUBJECT TO ADR"

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION

Hazard symbols: Irritant.



Risk phrases: R36/38: Irritating to eyes and skin.

Safety phrases: S3/9/14: Keep in a cool, well ventilated place away from acids.

0 to 25 degrees C.

S24/25: Avoid contact with skin and eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

Water hazard class: 1

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to

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KLERCIDE-CR BIOCID B READY TO USE AND WIPES

the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.