

SAFETY DATA SHEET

BR0010 BACTERICIDAL RANGE 500ML HAND GEL

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Issued: 21/08/2009

Revision No: 1

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

Product name: BR0010 BACTERICIDAL RANGE 500ML HAND GEL

Product code: BR0010

Synonyms: OTHER PRODUCT REFERENCES: (00-073)

Company name: Pitney Bowes Ltd

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2. HAZARDS IDENTIFICATION

Main hazards: Flammable.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ETHANOL 55-70%

EINECS: 200-578-6 CAS: 64-17-5

[F] R11

Contains: GLYCEROL (Glycerol, mist) 0.5 - 1% Cas Number 56-81-5

Propane-1, 2-diol 0 - 0.5% Cas Number 57-55-06 EINECS 200-338-0

4. FIRST AID MEASURES (SYMPTOMS)

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting.

Inhalation: Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: For large spillages, wear protective gloves and approved safety goggles. Ensure an eye bath is to hand. Refer to section 8 of SDS for personal protection details. Notify the police and fire brigade immediately. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid. Surfaces contaminated with the product will become slippery. Vapour may travel considerable distance to source of ignition and flash back. Ensure adequate ventilation of the working area.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

7. HANDLING AND STORAGE

Handling requirements: Use non-sparking tools. Ensure there is sufficient ventilation of the area. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. Do NOT Freeze

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: ETHANOL
WEL (8 hr TWA): 1920 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Respiratory protection not required.

Eye protection: In case of splashing, ensure source of water is to hand, rinse immediately for 15 minutes holding the eyelids open.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Alcoholic

Solubility in water: Soluble

Flash point°C: 21

Relative density: 0.86

10. STABILITY AND REACTIVITY

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

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames. Do NOT freeze

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: ETHANOL
IVN RAT LD50 1440 mg/kg
ORL MUS LD50 3450 mg/kg
ORL RAT LD50 7060 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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: 1170	ADR Class: 3
Packing group: II	Classification code: F1
Shipping name: ETHANOL (ETHYL ALCOHOL)	
Labelling: 3	Hazard ID no: 33

**IMDG / IMO**

UN no: 1170	Class: 3
Packing group: II	EmS: F-E,S-D
Marine pollutant: NO	
Labelling: 3	

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IATA / ICAO**UN no:** 1170**Class:** 3**Packing group:** II**Packing instructions:** 305(P&CA); 307(CAO)**Labelling:** 3**15. REGULATORY INFORMATION****Hazard symbols:** Flammable.**Risk phrases:** R10: Flammable.**Safety phrases:** S2: Keep out of the reach of children.

S46: If swallowed, seek medical advice immediately and show this container or label.

S3: Keep in a cool place.

S13: Keep away from food, drink and animal feeding stuffs.

S25: Avoid contact with eyes.

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

S29/56: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

Precautionary phrases: Use biocides safely. Always read the label and product information before use.**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 the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. OTHER INFORMATION****Risk phrases used in s.3:** R11: Highly flammable.**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.