



MATERIAL SAFETY DATA SHEET

Reference: HSDMMR

Creation date: 14th November 2001

Page 1 of 6

1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

PRODUCT : Dettox Mould and Mildew Remover
Cleaning around the home in areas where mould growth occurs

Company

Reckitt Benckiser UK Ltd
Delta 1200, Welton Road
Delta Business Park
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2 COMPOSITION /INFORMATION ON INGREDIENTS

Components	Concentration	R Phrases
Sodium Hypochlorite	Less than 5%	R31, R34
Sodium Hydroxide	Less than 1%	R35
Lauryl Dimethyl Amine Oxide	Less than 1%	R38, R41
Fragrance	Less than 1%	R36/38

Risk Phrase Code

R31	Contact with acid liberates toxic gas
R34	Causes burns
R35	Causes severe burns
R36/38	Irritating to eyes and skin

3 HAZARDS IDENTIFICATION

<u>Eye Contact</u>	May cause irritation.
<u>Skin Contact</u>	Prolonged contact may cause irritation.
<u>Inhalation</u>	May cause irritation of lung membrane if the spray is inhaled.
<u>Ingestion</u>	Irritating to the gastro intestinal tract.

In addition to this the following hazards have been identified:

In contact with acids, particularly household products such as toilet cleaners a poisonous gas chlorine may be liberated.

The pack contains warning of DO NOT MIX with acids and other household cleaners and use in a well ventilated area.

The product contains Sodium Hypochlorite Bleach. It will bleach fabrics, which are sensitive to this. Again, warnings are given on the pack.

4 FIRST AID MEASURES

<u>Eye Contact</u>	Rinse thoroughly with cold water as soon as possible. Obtain medical assistance.
<u>Skin Contact</u>	Wash affected area with warm water. In the event of skin damage seek medical attention.
<u>Ingestion</u>	If ingested wash mouth out with water, do not induce vomiting. Seek medical advice.
<u>Inhalation</u>	Remove to fresh air. If breathing problems persist, seek medical advice and show the pack of label to the Doctor.

5 FIRE FIGHTING MEASURES

<u>Specific Dangers</u>	The product is not flammable and will not support combustion. Fumes of chlorine may be formed in fires.
<u>Extinguisher Type</u>	Use powder, foam, sand or water spray. In case of fire, use self contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

See also Sections 8 and 13

Small spillages Up to 1 litre, may be mopped up with a cloth.

Medium spillages Up to about 5 litres, should be absorbed with sand, earth, sawdust or other inert material and transferred to a suitable container for subsequent disposal.

Larger spillages Should be contained with sand, earth, sawdust or other inert material. Do not pump or release to drain. Do not contaminate watercourses or ground. If necessary, pump to a safe place. Consult your local Water Authority, Environmental Protection Agency, Local Council or an expert for advice on disposal.

7 STORAGE AND HANDLING

Storage Store in a cool, dry, frost free place, out of reach of children.

Handling Avoid contact with the skin. Wear rubber gloves if contact with the product is prolonged.

8 EXPOSURE CONTROLS / PERSONAL PROTECTING MEASURES

See also Section 7

Occupational Exposure Limits

None assigned.

Engineering Controls Avoid contact with skin and eyes.

Personal Protective Equipment:

Respiratory protection: None necessary under normal working conditions.
Hand protection: Wear rubber gloves if exposure is likely to be prolonged.
Eye protection: None necessary under normal working conditions.
Skin protection: Wear an apron or overalls if exposure is prolonged. Take off immediately all contaminated clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colourless free flowing liquid
Odour	Strong smell of bleach
pH Value	12.5
Bulk Density	1.02
Solubility in water	Fully miscible with water

10 STABILITY AND REACTIVITY

Dettox Mould and Mildew Remover is stable under normal household conditions. However, it will decompose slowly at elevated temperatures. It should not be mixed with other household chemicals, particularly those containing acids, for example, toilet cleaners.

Conditions to Avoid High temperatures exceeding 50°C. Toxic gases may be given off (chlorine).

Materials to Avoid Do not mix with other household chemicals particularly those containing acids, for example, toilet cleaners. Toxic gases may be given off (chlorine).

Hazardous Decomposition Products Chlorine.

11 TOXICOLOGICAL INFORMATION

See also Section 2 and 3.

The product possesses no known toxicological hazards.

12 ECOLOGICAL INFORMATION

See also Sections 6, 7, 13 and 15.

Dettox Mould and Mildew causes no known adverse effects to the environment.

13 DISPOSAL CONSIDERATIONConsumer Instructions

Pour into drain and rinse with copious amounts of water. The packaging may be disposed of in the normal household waste.

Bulk Quantities (unsold stock)

Dispose of in accordance with local, regional or national authority requirements. For further details contact your local waste authority.

14 TRANSPORT INFORMATION

Not classified as hazardous for transport by land, sea or air. National transport regulations may apply.

15 REGULATORY INFORMATION

Whilst this product is not classified as dangerous for supply in the EU, the following safety phrases appear on the pack copy:

- Xi: IRRITANT
R36/38: Irritating to eyes and skin
S2: Keep out of reach of children
S23: Do not breathe spray
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46: If swallowed, seek medical advice immediately and show this container or label.
S51: Use only in well ventilated areas.

Special Labelling Provisions

Caution: Contains bleach.
WARNING! Do not use with other products. May release dangerous gas (chlorine).
Avoid contact with skin and eyes.
Avoid contact with skin, wash immediately with plenty of water.

The following directives are relevant to the above classification and labelling of this product:

Council Directive 88/379/EEC of 7 June 1988 on the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

Directive 88/379/EEC is implemented in the UK by the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (as amended)

Keep out of reach of children.

16 OTHER INFORMATION

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current technical knowledge of the product concerned and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product for a purpose other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipients sole responsibility to take due precautions relative to the use made of the product.

All information contained herein is included only to assist the recipient in fulfilling his or her statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which he or she remains the sole person responsible.

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