

SAFETY DATA SHEET



Conforms to EU Directive 91/155/EEC, as amended by 2001/58/EC -
United Kingdom (UK)

Romit BF

Code : 107913E

Version : 3

Date of issue : 24 July 2006

1. Identification of product and company

Identification of the substance or preparation

Product name : Romit BF
Product use : disinfectant
Product is for professional use only

Company/undertaking identification

Supplier : Ecolab Ltd.
David Murray John Building
UK-SN1 1NH Swindon, Wiltshire
England
Tel +44 (0)1793 511221
Fax +44 (0)1793 618552
Emergency telephone number: 01793 511221
anti-poison centre : NOT AVAILABLE.

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	EINECS	CAS	%	Classification
Hydrogen peroxide solution	231-765-0	7722-84-1	25 - 30	O; R8 R5 Xn; R20/22 C; R35
Acetic acid	200-580-7	64-19-7	5 - 10	R10 C; R35
Peracetic acid	201-186-8	79-21-0	2 - 5	O; R7 R10 Xn; R20/21/22 C; R35 N; R50
See section 16 for the full text of the R-phrases declared above				

Occupational exposure limits, if available, are listed in section 8.

3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : O; R7
Xn; R22
C; R34
Xi; R37

Physical/chemical hazards : May cause fire.

Human health hazards : Harmful if swallowed.
Causes burns.
Irritating to respiratory system.

See section 11 for more detailed information on health effects and symptoms.

4. First-aid measures

First-aid measures

- Inhalation** : If inhaled, remove to fresh air. In all cases of doubt, or when symptoms persist, seek medical attention.
- Ingestion** : Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- Skin contact** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.
- Eye contact** : In case of contact with eyes, rinse immediately with plenty of water. Get medical attention immediately.
- Specific treatments** : Not available.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing media** : In case of fire, use water spray (fog), foam, dry chemical, or CQ
- Special protective equipment for fire-fighters** : Fire-fighters should wear proper protective equipment.

6. Accidental release measures

- Personal precautions** : Large spill and leak Immediately contact safety personnel.
- Environmental precautions and clean-up methods** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
- SMALL SPILL Rinse with plenty of running water. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Do not get in eyes, on skin or on clothing. Do not breathe vapour or mist. Avoid contact with combustible materials. After handling, always wash hands thoroughly with soap and water. Handle and open container with care.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area. Separate from acids, alkalis, reducing agents and combustibles.
- Store between -20 and 30°C
- Packaging materials Recommended** : Use original container.

8. Exposure controls/personal protection

Ingredient name

Hydrogen peroxide solution

Occupational exposure limits

EH40-WEL (United Kingdom (UK), 1/2005).

STEL: 2.8 mg/m³ 15 minute/minutes. Form: All forms

STEL: 2 ppm 15 minute/minutes. Form: All forms

TWA: 1.4 mg/m³ 8 hour(s). Form: All forms

TWA: 1 ppm 8 hour(s). Form: All forms

Acetic acid

EU OEL (Europe, 4/2004).

TWA: 25 mg/m³ 8 hour(s). Form: All forms

TWA: 10 ppm 8 hour(s). Form: All forms

Exposure controls

- Occupational exposure controls** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.
- Respiratory protection (EN 143, 141)** : A respirator is not needed under normal and intended conditions of product use.
- Hand protection (EN 374)** : 1 - 4 hours: butyl rubber, nitrile rubber

Romit BF

- Eye protection** (EN 166) : Safety glasses. Goggles, face shield, or other full-face protection.
- Skin protection** (EN 467) : safety apron Suitable protective footwear.

9. Physical and chemical properties

General information

- Appearance**
- Physical state** : Liquid.
- Colour** : Colourless.
- Odour** : disinfectant

Important health, safety and environmental information

- pH** : 1 (100%)
- Boiling point** : Not available.
- Melting point** : Not available.
- Flash point** : 100 °C (Closed cup)
Product does not support combustion.
- Flammability (solid, gas)** : Not applicable.
- Explosive properties** : Not applicable.
- Explosion Limits** : Not applicable.
- Oxidising properties** : Not available.
- Vapour pressure** : Not applicable.
- Relative density** : 1.12 g/cm³ (20 °C)
- Solubility** : Easily soluble in cold water, hot water.
- Octanol/water partition coefficient** : Not applicable.
- Viscosity** : Not available.
- Vapour density** : Not available.
- Evaporation rate (butyl acetate = 1)** : Not applicable.

10. Stability and reactivity

- Stability** : Stable under normal conditions.
- Materials to avoid** : Extremely reactive or incompatible with the following materials: organic materials, metals and alkalis.
Non-reactive or compatible with the following materials: acids and moisture.
Do not mix with other products.

11. Toxicological information

Potential acute health effects

- Inhalation** : Irritating to respiratory system.
- Ingestion** : Harmful if swallowed.
- Skin contact** : Corrosive to the skin.
- Eye contact** : Corrosive to eyes.
- Reproductive toxicity** : No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity

The product is not subject to ecological classification according to directive 1999/45/EC.

Persistence and degradability

The total of the organic components contained in the product achieve > 60% BOD/COD or CO₂ liberation, or > 70% DOC reduction in tests for ease of degradability - threshold values for 'readily degradable' (e.g. to OECD method 301).

13. Disposal considerations

- Methods of disposal** : Waste must be disposed of according to applicable regulations. Use as much of the contents as possible, according to instructions. Can be added to general waste collection after completely emptying. Use packages for recycling only when totally empty
- Waste classification** : A4120
- European waste catalogue (EWC)** : 16 09 03*

14. Transport information

International transport regulations

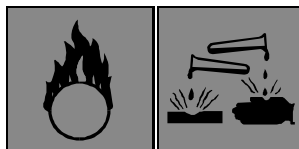
Regulatory information	UN number	Proper shipping name	Class	Packing group	Label
ADR/RID Class	UN3149	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED	5.1	II	5.1, 8
ADN Class	UN3149	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED	5.1	II	5.1, 8
IMDG Class	UN3149	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED	5.1	II	5.1, 8

Follow special pack instructions for air transport.

15. Regulatory information

EU regulations

Hazard symbol/symbols :



Oxidising, Corrosive

Contains

: Hydrogen peroxide solution
Peracetic acid

Risk Phrases

: R7- May cause fire.
R22- Harmful if swallowed.
R34- Causes burns.
R37- Irritating to respiratory system.

Safety phrases

: S2- Keep out of the reach of children.
S7- Keep container tightly closed.
S17- Keep away from combustible material.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S50- Do not mix with Alkalies.

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations.

The Control of Substances Hazardous to Health Regulations.

Health and Safety at Work Act.

16. Other information

Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK) :

- R7- May cause fire.
- R8- Contact with combustible material may cause fire.
- R5- Heating may cause an explosion.
- R10- Flammable.
- R20/21/22- Harmful by inhalation, in contact with skin and if swallowed.
- R20/22- Harmful by inhalation and if swallowed.
- R22- Harmful if swallowed.
- R34- Causes burns.
- R35- Causes severe burns.
- R37- Irritating to respiratory system.
- R50- Very toxic to aquatic organisms.

History

Date of printing : 25 July 2006
Date of issue : 24 July 2006
Version : 3
Prepared by : Ecolab Regulatory Department Europe

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.