

SAFETY DATA SHEET



Product Name: **BCB 98**

Version No. 2 | **Revision date** 01-06-2015 | **Initial issue date** 02-06-2003

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1 Product Identifier BCB 98

1.2 Relevant/Use(s)/misuse(s) Industrial

1.3 SDS Supplier Beacon Water Treatments Limited
Parsons Hall Industrial Estate
High Street **Telephone:** 01933 410066
Irchester NN29 7AB

1.4 Emergency Telephone 01604 505735 (Office hours) **Competent Person e-mail:** trevor@rising-hsande.co.uk

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Skin Sens. 1 H317
Eye Dam. 1 H318

2.1.2 Additional information

For text of hazard statements, see section 16

2.2 LABELLING ELEMENTS

2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

Pictogram(s):



Signal word

DANGER

Hazard statement(s)

H317 MAY CAUSE AN ALLERGIC SKIN REACTION
H318 CAUSES SERIOUS EYE DAMAGE.

Precautionary statement(s)

P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.
P333+313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.
P303+361+353 IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.
P304+340 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

2.3 Other hazards None known

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS SOLUTION OF ISOTHIAZOLINONES

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-4-ISOTHIAZOLIN-3-ONE (3:1 RATIO)	55965-84-9	247-500-7 220-239-6	Acute Tox. 3 H301; Acute Tox. 3 H311; Skin Corr.1B H314; Skin Sens. 1 H317; Eye Dam. 1 H318; STOT SE 3 H335; Aquatic Acute H400	1.0 - 3.0%

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation	Not normally a route of exposure.
Skin contact	Immediately clean areas of skin affected with soap and plenty of water. If necessary, seek medical advice.
Eye contact	Immediately wash out eye thoroughly with plenty of water until irritation subsides. CONSULT AN EYE SPECIALIST/OPHTHALMOLOGIST.
Ingestion	If product is swallowed, do NOT induce vomiting. Drink plenty of water; if necessary, seek medical advice.

4.2 Most important effects/symptoms None known.

4.3 Immediate/special treatment Treatment as described above.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media	To suit local surroundings (e.g. water mist, carbon dioxide, foam, chemical powder for large fires). Do not use water jet. The product is not flammable
5.2 Special hazards	Decomposition products released in a fire should be considered as probably harmful if inhaled.
5.3 Advice for fire fighters	Wear self-contained breathing apparatus. Avoid run-off water entering the drains (e.g. use barriers)

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions	Adhere to personal protective measures.
6.2 Environmental precautions	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
6.3 Methods and materials for cleaning up	Take up with absorbent material, e.g. sand, sawdust, into tightly closed containers. Label container and dispose of as prescribed.
6.4 Reference to other sections	See section 8 for personal protective equipment.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling	Handle in accordance with good hygiene and safety practice.
7.2 Conditions for safe storage	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool (< 25°C) and dry and away from incompatible substances.
7.3. Specific end use(s)	Industrial

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters	There are no occupational exposure limit values available Comply with good practice for the control of exposure.
8.2 Exposure controls	
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after work. It is recommended that those with a medical history of sensitisation should not handle this product. Avoid contact with skin and eyes. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles (e.g. EN 166) if splashing is likely.
Skin protection	Gloves (e.g. Nitrile; also consider your own risk assessment.)
Respiratory protection	Approved respirator (e.g. EN 149:2001 FFP3) if ventilation is insufficient.
Other protection	Protective overall

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Physical form	Liquid
Colour	Green
Odour	Characteristic
Odour threshold	No data available
pH	1 - 6
Boiling pt / range	From 100 °C
Melting pt / range	Not determined °C
Flash point	Not applicable °C
Auto ignition temp.	Not applicable °C
Evaporation rate	Not applicable
Relative density	1.02 – 1.03
Flammability	Not applicable
Explosion limits	Not applicable
Vapour pressure	Not applicable
Relative vapour density	Not determined
Water solubility	Miscible
Thermal decomposition	No data available
Viscosity	Not applicable
Partition coefficient	Log P _{o/w} = Not determined
Explosive properties	Not applicable

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9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Oxidising properties Not applicable

9.2 Other information None known

10. STABILITY AND REACTIVITY

10.1 Reactivity Stable under normal conditions of handling.

10.2 Chemical stability Stable

10.3 Hazardous reactions None known.

10.4 Conditions to avoid None known.

10.5 Incompatible material The product is incompatible with oxidising agents, reducing agents, amines and mercaptans.

10.6 Hazardous decomposition products Thermal: HCl, NO_x, SO_x

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity LD₅₀ rat (oral) 457 mg/kg Data for the isothiazolinones
LD₅₀ rabbit (derm) 660 mg/kg Data for the isothiazolinones

Dermal compatibility No data available

Mucous membrane compatibility No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity LC₅₀ Aquatic organisms mg/l No data available

12.2 Degradability No data available

12.3 Bioaccumulative potential Not determined

12.4 Mobility in soil Not determined

12.5 PBT/vPvB assessment Not applicable

12.6 Other adverse effects Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures

Advice on disposal In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

Contaminated packaging Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

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14. TRANSPORT INFORMATION

14.1 United Nations number	UN 1760 (ADR, IMDG, IATA)	
14.2 Proper shipping name	CORROSIVE LIQUID N.O.S. (ISOTHIAZOLINONES MIXTURE) (ADR, IMDG, IATA)	
14.3 Transport class(s)	8 (ADR, IMDG, IATA)	
14.4 Packing group	III (ADR, IMDG, IATA)	
14.5 Environmental hazards	The product should not be marked as a marine pollutant. (ADR, IMDG, IATA)	
14.6 Special procedures	Not applicable (ADR, IMDG, IATA)	
14.7 Transport in bulk	Not applicable (ADR, IMDG, IATA)	

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations	The product is classified in accordance with EC Regulation 1272/2008 (CLP). Other regulatory information and provisions are not applicable for this product.
15.2 Chemical safety assessment	Not applicable

16. OTHER INFORMATION

Further information

The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP)

Hazard statements referred to in sections 2/3

H301: Toxic if swallowed
H311: Toxic in contact with skin
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction
H318: Causes serious eye damage. .
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.

Sources of data Other suppliers' safety data sheets

Date of issue 01-06-2015

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

Data sheet prepared by Rising HS&E Services.