

SAFETY DATA SHEET



Product Name: BB 124

Version No. 2 **Revision date** 01-06-2015 **Initial issue date** 03-09-2003

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1 Product Identifier BB 124

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

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

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)

Not classified

2.2 LABELLING ELEMENTS

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

Pictogram(s):	NONE	Signal word	NONE
Hazard statement(s)	NONE		
Precautionary statement(s)	NONE		

2.3 Other hazards None known

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation AQUEOUS SOLUTION OF SODIUM SILICATE PLUS ADDITIVES

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation Not normally a route of exposure

Skin contact No special first aid measures necessary

Eye contact Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, seek medical advice.

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.

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5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media** To suit local surroundings (e.g. water mist, carbon dioxide, foam, chemical powder for large fires). 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 and dry.
- 7.3. Specific end use(s)** Industrial

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Controls parameters** There are no occupational exposure limit values available.
- 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.
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** PVC or rubber gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
- Respiratory protection** Normally not required
- Other protection** Protective overall

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Physical form Liquid

Colour

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9.1 Basic physical and chemical properties

Odour	Characteristic
Odour threshold	No data available
pH	>12
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	Not determined
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
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	According to experience, there are no incompatible substances.
10.6 Hazardous decomposition products	None

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD ₅₀ rat (oral)	mg/kg	No data available
Dermal compatibility	No data available		
Mucous membrane compatibility	No data available		

12. ECOLOGICAL INFORMATION

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12.1 Toxicity	LC ₅₀	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.

14. TRANSPORT INFORMATION

14.1 United Nations No.	Not classified (ADR, IMDG, IATA)
14.2 Proper shipping name	Not classified (ADR, IMDG, IATA)
14.3 Transport class(s)	Not classified (ADR, IMDG, IATA)
14.4 Packing group	Not classified (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)

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.