

SAFETY DATA SHEET

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

1.1 Product Identifier:

Hydro Bloom Hardwater B

1.2 Relevant uses of the substance or mixture and uses advised against:

Supplied for use as an amateur use fertiliser

1.3 Details of the supplier of the safety data sheet:

Plant Magic Plus Ltd
Unit 12
Liberty Industrial Park
South Liberty Lane
Bristol
BS3 2SU

Contact: The Safety Officer
Phone number: 0117 978 2499

Email: info@plantmagicplus.co.uk

1.4 Emergency phone number

For urgent medical help or advice, contact the NHS by calling 111.

Phone number: 0117 978 2499

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

CLASSIFICATION in accordance with Regulation (EC) No 1272/2008:
Not classified as hazardous to health or the environment.

2.2 Label Elements

There are no statutory label elements.

2.3 Other Hazards

Mixture does not meet criteria in REACh as PBT or vPvB

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Code : tbc

3.2 Mixtures

Hazardous components

There are no hazardous components which require listing.

The full text and symbols for all hazard information if not displayed in section 2 or 3 are displayed in Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 Inhalation

If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop.

4.1.2 Skin & Eye exposure

Drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist or develop.

Eyes: Rinse cautiously for several minutes, Remove contact lenses, if present and easy to do, rinse with clean water for 15 minutes. Seek medical attention if symptoms persist or develop.

4.1.3 Ingestion

Do not induce vomiting. Wash out mouth with water and give water to drink. Seek medical attention if symptoms persist or develop.

4.2 Most important symptoms and effects, both acute and delayed

Information not available

4.3 Indication of any immediate medical attention and special treatment needed.

Information not available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use Foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

5.2 Special Hazards arising from the substance or mixture

Possible irritant and corrosive fumes arising from combustion including oxides of nitrogen.

5.3 Advice for fire-fighters

Cool down containers/equipment exposed to heat with a water spray. Contain spread of extinguishing fluids (these fluids may be hazardous for the environment). Wear complete protective clothing and self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Use personal protective equipment – see section 8

-appropriate coveralls and gloves

-eye/face protection

Avoid contact with skin and eyes

6.2 Environmental Precautions

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation), contact local water authority and inform the Environment Agency

6.3 Methods and material for containment and cleaning up

Use soil, sand or other absorbent material. Contact specialist waste disposal contractor.

6.4 Reference to other sections

See section 8 for personal protective equipment specification

7. HANDLING AND STORAGE

7.1 Precaution for safe handling

Avoid contact with skin and eyes. Wash Hands thoroughly after handling

Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas.

Avoid contact with metals, avoid the formation of mists in the atmosphere, work in a well-ventilated area.

Avoid any direct contact with the product, Do NOT handle without gloves. Do NOT handle if hands have any cuts or wounds.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials.

Store away from incompatible materials – Strong acids, Strong oxidising substances, powdered metals, inorganic peroxides.

7.3 Specific end use(s)

No specific information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Exposure limit values have not been determined for this mixture

8.2 Exposure controls

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Goggles – Eye Protection : goggles/face shield to BS EN166.

Gloves – Acid-resistant protective gloves. Long protective gloves, which go over the sleeves

Skin and body protection - Impermeable suit (Hypalon, Tyvek, Saranex, PVC...).

Impermeable boots.

Wear suitable protective clothing, gloves and eye/face protection.

Personal protective equipment must be defined after risk assessment for the workstation. Protective equipment must be chosen according to current CEN standards and in cooperation with the supplier of protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance; Liquid

Odour; Slight sugary

Odour threshold; Information not specified

pH; Information not specified

Melting point/freezing; Information not specified

Initial boiling point and boiling range; Information not specified

Flash point; Information not specified

Evaporation rate; Information not available

Flammability (solid, gas); Mixture not classified as Flammable

Upper /lower flammability or explosive limits; Mixture not classified as Explosive

Vapour Pressure; Information not specified

Vapour density; Information not specified

Specific gravity; Information not specified

Solubility (ies); Information not specified

Partition coefficient: n-octanol/water; Information not specified

Auto ignition temperature: Information not specified

Decomposition temperature: Information not specified

9.2 Other Information

No other relevant information available

10. STABILITY AND REACTIVITY

10.1 Reactivity

May react with metals.

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Information not available

10.4 Conditions to avoid

Extremes of temperature

10.5 Incompatible materials

Powdered metals, metal containers

10.6 Hazardous decomposition products

Possible Irritant fumes

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The mixture has not been assessed for toxicological effects. Full mixture classification is given in section 2. Individual component classifications are given in section 3 and 16.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Mixture not classified as harmful to the environment accordance with Regulation (EC) No 1272/2008.

12.2 Persistence and degradability

Information not available

12.3 Bioaccumulative potential

Information not available

12.4 Mobility in soil

Information not available

12.5 Results of PBT and vPvB

Not classified

12.6 Other adverse effects

Information not available

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Use only licensed waste disposal companies. Do not re-use empty containers for any purpose.

14. TRANSPORT INFORMATION

14.1 UN number: Product is unclassified for transport.

14.2 UN proper shipping name: Product is unclassified for transport.

14.3 Transport hazard: Product is unclassified for transport.

14.4 Packing group: Product is unclassified for transport.

14.5 Environmental hazards: Product is unclassified for transport.

14.6 Special precautions for user: Product is unclassified for transport

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code
Applicable for Maritime bulk transport only. Check with carrier.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

This mixture is classified and labelled in accordance with Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures and Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been undertaken for this substance

16. OTHER INFORMATION

SDS information:

This Safety data sheet is compiled using data submitted for raw materials and practical experience.

This Safety Data Sheet is prepared in compliance with Regulation (EC) 1272/2008 and Annex II of the REACH regulation 453/2010.

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.

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