
SAFETY DATA SHEET

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: pH Plus
Datasheet Number: 022 1. 2. 0
Reach Registration Number: 01-2119485498-19

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

Pool / spa treatment

Emergency telephone number

0800 043 0891 - Technical
0800 043 0892 - Emergency

2 Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Eye Irrit. 2, H319
- Classification (67/548/EEC, 1999/45/EC)
- Xi; R36
- Additional information: For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16

2.2 Label elements



- Signal Word: Warning
- Symbols: GHS07

Hazard phrases

- Causes serious eye irritation.

2 Hazards identification (....)

Precautionary Phrases

- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

- Mildly irritating to eyes

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Sodium Carbonate	100%	497-19-8	207-838-8	H319 R36	GHS07 Xi

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN: Wash with plenty of soap and water.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Give plenty of water to drink

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes
- Causes irritation

4.3 Indication of immediate medical attention and special treatment needed

- Treat symptomatically

5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire: use water, alcohol resistant foam or dry agent for extinction

5.2 Special hazards arising from the substance or mixture

- See Section 10.6

5.3 Advice for firefighters

- Wear protective clothing as per section 8

6 Accidental release measures

6 .1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6 .2 Environmental Precautions

- Eliminate all ignition sources if safe to do so.
- Do not allow to enter public sewers and watercourses

6 .3 Methods and material for containment and cleaning up

- Remove by mechanical means
- Collect as much as possible in clean container for reuse or disposal
- Flush spill area with copious amounts of water

6 .4 Reference to other sections

- See Section 7 & 8

7 Handling and storage

7 .1 Precautions for safe handling

- Ensure adequate ventilation
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash thoroughly after handling.

7 .2 Conditions for safe storage, including any incompatibilities

- Store away from other materials.
- Store in a dry place. Store in a closed container.
- Store in a well-ventilated place. Keep cool.
- Keep away from foodstuff.

7 .3 Specific end use(s)

- No information available.

8 Exposure controls/personal protection

8 .1 Control parameters

- No information available

8 .2 Exposure controls

- Engineering controls should be provided to prevent the need for ventilation

Occupational exposure controls

- In case of inadequate ventilation wear respiratory protection.
- Wear rubber gloves
- When handling this substance, e.g. sampling, wear goggles giving complete eye protection
- Wear apron or other light protective clothing



Respirator



Goggles



Gloves



Suit

9 Physical and chemical properties

9 .1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: Solid, white, powder
- pH 11.4 at 1 % concentration
- Boiling point - not applicable
- Vapour pressure - not applicable
- Vapour density - not known
- Melting point 851 deg C with decomposition
- Completely soluble in water
- Specific gravity 0.86 - 1.12 g/cm3
- Not flammable but will support combustion
- Partition coefficient : n-Octanol/water - not known
- Evaporation rate - not known
- Viscosity - not applicable

9 .2 Other information

- No information available

10 Stability and reactivity

10 .1 Reactivity

- No information available

10 .2 Chemical stability

- No decomposition if stored normally.

10 .3 Possibility of hazardous reactions

- Reacts with acids liberating toxic gas.

10 .4 Conditions to avoid

- Keep away from heat and sources of ignition

10 .5 Incompatible materials

- Incompatible with acid

10 .6 Hazardous Decomposition Products

- Decomposition products may include carbon dioxide

11 Toxicological information

11 .1 Information on toxicological effects

- Can cause damage to the eyes
- LD50 (oral,rat) 4090 mg/kg

Inhalation

- Causes coughing

Contact with skin

- May cause irritation

11 Toxicological information (..)

Contact with eyes

- Can cause damage to the eyes

Ingestion

- May cause nausea/vomiting

Carcinogenicity

- No evidence of carcinogenic effects

Teratogenicity

- No information available

Mutagenicity

- No information available
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12 Ecological information

12 .1 Toxicity

- LC50 (bluegill sunfish) 300-320 mg/l (# hr)

12 .2 Persistence and degradability

- No information available

12 .3 Bioaccumulation Potential

- No information available

12 .4 Mobility in soil

- No information available

12 .5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12 .6 Other Adverse Effects

- See Section 12.1
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13 Disposal considerations

13 .1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation

Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)
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14 Transport information

14.1 UN Number

N/A

14 Transport information (....)

14.2 UN Proper Shipping Name

N/A

14.3 Transport hazard class(es)

N/A

14.4 Packing group

N/A

14.5 Environmental hazards

- Presents no hazard to the environment

14.6 Special precautions for user

- See Section 7

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

Other information

Road/Rail (ADR/RID)

Proper Shipping Name: N/A

ADR UN No.: N/A

ADR Hazard Class: N/A

ADR Packing Group: N/A

Tunnel Code: N/A

Sea (IMDG)

Proper Shipping Name: N/A

IMDG UN No.: N/A

IMDG Hazard Class.: N/A

IMDG Pack Group.: N/A

Air (ICAO/IATA)

Proper Shipping Name: N/A

ICAO Un No.: N/A

ICAO Hazard Class.: N/A

ICAO Packing Group.: N/A

15 Regulatory information

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

- Refer to current CPL Regulations
- Refer to current EC Directive 82/501/EEC (the Seveso Directive)
- The List of Wastes (England) Regulations 2005 apply in the UK

15.2 Chemical Safety Assessment

16 Other information

Text of R and S phrase codes used in this safety data sheet:- H319: Causes serious eye irritation.; R36: Irritating to eyes.

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