

# UNIMARINE SERVICES INC

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## SAFETY DATA SHEET

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### 1. Identification of the substance or preparation and of the company / undertaking

#### 1.1 Product identifier

- Product Name: PH Plus
- Synonyms: SODIUM CARBONATE

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

- Use of the substance/preparation:  
Ph control

#### 1.3 Details of the supplier of the safety data sheet

Company:

Unimarine Services Inc.  
60 Market Square,  
PO Box 364, Belize City

Contact your nearest Unimarine sales office

Email: [info@unimarine-services.com](mailto:info@unimarine-services.com)

#### 1.4 Emergency Telephone Number

Emergency Telephone: Only to be used in case of incident  
Tel: 00357 96484325

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### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Symbols: Xi
- Irritating to eyes (R36)
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- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Symbols: GHS07

## 2. Hazards identification

- Signal Word: Warning
- Eye Irrit. 2
- Causes serious eye irritation (H319).

### 2.2 Label elements



- Signal Word: Warning
- Eye Irrit. 2
- 
- Contains:
- sodium carbonate
- 
- Hazard phrases
- Causes serious eye irritation (H319).
- Precautionary Phrases
- Wear protective gloves/protective clothing/eye protection/face protection (P280).
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- If eye irritation persists: Get medical advice/attention (P337+P313).

### 2.3 Other hazards

- Not applicable
  - Odour: Odourless
  - Appearance: light, grey, white, flakes, granules, soluble in water
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## 3. Composition/information on ingredients

### 3.1 Mixtures

- sodium carbonate
  - Concentration: 60-100%
  - CAS Number: 497-19-8
  - EC Number: 207-838-8
  - Symbols: Xi - GHS07
  - R/H Phrases: R36 - H319
  - Categories: Eye Irrit. 2
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## 4. First aid measures

### 4.1 Description of first aid measures

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
  - Contaminated clothing should be laundered before reuse
  - When in doubt or symptoms persist, seek medical attention
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  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
  - Irrigate eyes thoroughly whilst lifting eyelids
  - Seek medical attention if irritation persists
  - 
  - IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
  - Give plenty of water to drink
  - Never make an unconscious person vomit or drink fluids
  - When in doubt or symptoms persist, seek medical attention
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## **4. First aid measures**

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
  - When in doubt or symptoms persist, seek medical attention
- 4.2 Most important symptoms and effects, both acute and delayed
- In cases of severe exposure, irritation may develop
  - Possible irritation of affected areas
- 4.3 Indication of any immediate medical attention and special treatment needed
- No information available
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## **5. Fire-fighting measures**

- 5.1 Extinguishing media
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- 5.2 Special hazards arising from the substance or mixture
- In case of fire, do not breathe fumes
  - Decomposition products may include carbon dioxide
  - Decomposition products may include carbon monoxide
- 5.3 Advice for firefighters
- Smoke from fires is irritating. Take precautions to protect personnel from exposure
  - Wear Breathing Apparatus
  - Keep container(s) exposed to fire cool, by spraying with water
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## **6. Accidental release measures**

- 6.1 Personal precautions, protective equipment and emergency procedures
- No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask
  - Wear goggles giving complete eye protection
  - Wear plastic or rubber gloves
  - Wash thoroughly after dealing with spillage
- 6.2 Environmental Precautions
- Avoid scattering in the environment
  - No special precautions are required for this product
- 6.3 Methods and material for containment and cleaning up
- Place in appropriate container
  - Flush spill area with copious amounts of water
- 6.4 Reference to other sections
- See Section 13
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## **7. Handling and storage**

- 7.1 Precautions for safe handling
- Do not handle until all safety precautions have been read and understood (P202).
  - Wear protective clothing as per section 8
  - Use good personal hygiene practices
  - Wash hands thoroughly after using this substance
- 7.2 Conditions for safe storage, including any incompatibilities
- Keep in a cool, dry, well ventilated place
- 7.3 Specific end use(s)
- Contact supplier for further information
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## 8. Exposure controls / personal protection

### 8.1 Control parameters

- Not applicable

### 8.2 Exposure controls

- No special precautions are required for this product

### 8.3 Occupational exposure controls



- Eyewash bottles should be available
  - Wear plastic or rubber gloves
  - Wear goggles giving complete eye protection
  - No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask
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## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: light, grey, white, flakes, granules
- pH 11,6
- Completely soluble in water
- Density 2,53 - 2.533 g/cm<sup>3</sup> at 20 deg C
- Melting point/Range: Melting point

### 9.2 Other information

- None
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## 10. Stability and reactivity

### 10.1 Reactivity

- This article is considered stable under normal conditions

### 10.2 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.3 Incompatible materials

- Incompatible with acid

### 10.4 Conditions to avoid

- Avoid contact with acid

### 10.5 Hazardous Decomposition Products

- Smoke from fires is irritating
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## 11. Toxicological information

### 11.1 Information on toxicological effects

- LD50 (oral,rat) 4090 mg/kg

### 11.2 Contact with eyes

- Causes redness and irritation

### 11.3 Contact with skin

- Causes irritation
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## 11. Toxicological information

### 11.4 Ingestion

- May cause severe irritation

### 11.5 Inhalation

- May cause irritation
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## 12. Ecological information

### 12.1 Toxicity

- This product does not contain ingredients which are classified in the EU as dangerous for the environment.
- LC50 (fish) (water flea) 205 mg/l (48 hr)
- LC50 (bluegill sunfish) 300 mg/l (96 hr)

### 12.2 Persistence and degradability

- No information available

### 12.3 Bioaccumulation Potential

- No information available

### 12.4 Mobility in soil

- Completely soluble in water

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12.6 Other Adverse Effects

- No information available
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## 13. Disposal considerations

### 13.1 Waste treatment methods

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

### 13.2 Classification

- EU Waste class: 16-05-07
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## 14. Transport information

Not classified as hazardous for transport

### 14.1 UN

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable
- Not applicable

### 14.2 Environmental hazards

- Not Classified
- On available data, substance is not harmful to the environment

### 14.3 Special precautions for user

- Not classified as hazardous for transport

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

- Not applicable

### 14.5 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
  - Proper Shipping Name: Not applicable
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## **14. Transport information**

- ADR Hazard Class: Not applicable
- ADR subrisk: Not applicable
- ADR Packing Group: Not applicable

### 14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG subrisk: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable

### 14.7 Air (ICAO/IATA)

- ICAO Un No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Packing Group: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO subrisk: Not applicable

### 14.8 DOT / CFR (US Department of Transportation)

- Identification Number: Not applicable
  - DOT Proper Shipping Name: Not applicable
  - DOT Labels: Not applicable
  - Product RQ (lbs): Not applicable
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## **15. Regulatory information**

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

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.
- Classification according to Directive 67/548/EEC or Directive 1999/45EC
- Classification according to Regulation (EC) No 1272/2008

### 15.2 Chemical Safety Assessment

- None
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## **16. Other information**

The information contained herein relates only to the specific material identified. Unimarine Services Inc. Believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. Unimarine Services Inc. urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.