Material Safety Data Sheet

pH PLUS enhancer (RXSOL-19-1307-025)

1. Product and Company Identifaction

Product Name	ph Plus Enhancer
Product Type	RXSOL-19-1307-025

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kolkata, Chennai, Gandhidham, Visakhapatnam, Fujairah, Muscat, Canada, Nairobi

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Ingredient	CAS No	Percent
Sodium Carbonate	497-19-8	80-90%
Buffer Mixturer Proprietory	---	10-20%

3. Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Category	Target Organs	Hazard Statements
Eye Irrit	Category 2		H319

For the full text of the H statements mentioned in this section see Section 16.

Most important adverse effects

Human Health: See section 11 for toxicological information.

Physical & Chemical Hazards: See section 9.

Potential environmental effects: See section 12 .

Label elements Labelling according to Regulation (EC) No 1272/2008

Hazard statements: H319 Causes serious eye irritation

Signal word: Warning

Hazard pictograms: GHS07

Precautionary statements:

P102 Keep out of reach of children

P260 Do not breathe dust

P280 Wear protective gloves / eye protection.

P264 Wash hands thoroughly after handling.

P337+P313: If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container to waste according to local/ national regulation

Hazardous components which must be listed on the label sodium carbonate

Other Hazards No other information is available.

4. First Aid Measures

If inhaled:	Remove casualty to fresh air; consult a doctor if symptoms persist
In case of skin contact:	Wash off with plenty of water. Generally the product does not irritate the skin
In case of eye contact:	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
If swallowed:	Clean mouth with water and drink afterwards plenty of water. DO NOT INDUCE VOMITING. Seek immediate medical attention if symptoms persist

5. Fire-fighting Measures

5.1 Extinguishing media:

Suitable media: Dry powder.

CO2 or water spray Unsuitable media: High volume water jet

5.2 Special hazards arising from the substance or mixture Specific Hazards

Specific Hazards : Gives off irritating or toxic fumes (or gases) in a fire. Vapours may ignite. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

5.3 Advice for fire-fighters

Protective equipment In the event of fire, wear self-contained breathing apparatus.

Further Information: Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per Section 8 Evacuate the area and keep personnel upwind Avoid breathing gas / mist / fumes. Avoid contact with skin and eyes Eye wash bottles should be available
Environmental Precautions	Do not allow to enter public sewers and watercourses
Cleaning up	Place in sealed and labelled appropriates containers. Remove contaminated materiak to safe location for subsequent disposal.

7. Handling and Storage

Handling	Avoid breathing dust. Avoid contact with eyes. Wash thoroughly with soap and water after handling. Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area.
Storage :	Store in original container

8. Exposure controls and personal protection

Exposure Limits	Engineering measures Refer to protective measures listed in sections 7 and 8 Use in a well ventilated area
Personal protective equipment	Respiratory protection In case of inadequate ventilation wear respiratory protection Hand protection Eye protection Wear safety glasses approved to standard EN 166. Skin and body protection Wear appropriate clothing to prevent repeated or prolonged skin contact
Exposure controls	Dispose of in accordance with all applicable local and national regulations

9. Physical and chemical properties

Form: Crystaline powder

Colour: White

Odour: Odourles

pH @ 20oC: 11.5

Melting Point 854°C

Boiling point/boiling range: > 999°C

Flash point: Not applicable

Relative vapour density: 2.533 g/cm^3

Water solubility: 212 g/l

Partition coeffcient:n-octanol/water: Not known

Explosive properties: Product is not explosive.

10. Stability and reactivity

Reactivity Reactivity No information available

Chemical stability Chemical stability No decomposition if stored normally

Possibility of hazardous reactions Hazardous reactions: No information available

Conditions to avoid Conditions to avoid Avoid formation of dust. Keep away from heat and moisture.

Incompatible materials Materials to avoid Incompatible with acid

Hazardous decomposition products Haz. decomp. products: Stable under recommended storage conditions.

11. Toxicological information

Primary Irritant effect On the skin:

Powder may irritate skin

On the eye: Irritant

Carcinogenic There is no evidence that this substance has any carcinogenic properties.

Mutagenic There is no evidence that this substance is mutagenic

Sensitization: No sensitizing effects known

Additional toxicological information:

If ingested may cause discomfort

If inhaled irritating to mucous membranes and respiratory tract

12. Ecological information

Persistence and degradability

Persistence and degradability No data available

Bioaccumlative potential

Bioaccumlative potential No data available

Mobility in soil

Mobility in soil No data available

Results of PBT and PvB :

PBT and PvB : Not a PBT according to REACH Annex XIII

Other adverse effects

Other adverse effects No data available

13. Disposal considerations

Waste treatment methods	Product:: Disposal together with normal waste is not allowed. Special disposal is required according to local regulations. Do not let product enter drains. Contact waste disposal services. Contaminated packaging::Empty contaminated packaging thoroughly. They can be re-cycled after thorough and proper cleaning. Packaging that cannot be cleaned is to be disposed of in the same manner as the product. Euro Waste Catalogue No::No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

14. Transport information

UN Number Not applicable

UN proper shipping name Not applicable

Transport hazard class(es) Not applicable

Packaging Group Not applicable

Environmental hazards Clean up even minor leaks or spills if possible without unnecessary risk

Special precautions for user See Section 7

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

15. Regulatory information

Safety, health and environmental regulations/legislation specific for this substance or mixture. This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

Chemical Safety Assessment No further information

16. Other information

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents.The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product .in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other.