Material Safety Data Sheet

Sodium Phosphate (RXSOL-32-3103-025)

1. Product and Company Identifaction

Product Name	Sodium Phosphate
Part Number	RXSOL-32-3103-025

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

Branch : Kandla, JNPT, Chennai, Vizag, Mumbai, Kolkata, Fujairah UAE

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Email	123@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Component	CAS-No.	Weight %
Sodium phosphate, monobasic	7558-80-7	>95

3. Hazards Identification

Classification of the substance or mixture	This substance is not classified as dangerous according to European Union legislation.
Label elements	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
Other hazards	None known.

4. First Aid Measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Inhalation	Move to fresh air. Get medical attention immediately if symptoms occur.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
Most important symptoms and effects	None reasonably foreseeable.
Notes to Physician	Treat symptomatically

5. Fire-fighting Measures

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	No information available
Flash Point	No information available
Method	No information available

Autoignition Temperature	No information available
Explosion Limits	Upper No data available Lower No data available Sensitivity to Mechanical Impact No information available Sensitivity to Static Discharge No information available
Specific Hazards Arising from the Chemical	Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
Hazardous Combustion Products	Oxides of phosphorus Sodium oxides
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal Precautions Use personal protective equipment	Ensure adequate ventilation. Avoid dust formation. Environmental Precautions Should not be released into the environment.
Methods for Containment and Clean Up	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation.

7. Handling and Storage

Handling	Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid dust formation.
Storage	Keep in a dry, cool and well-ventilated place. Keep container tightly closed.

8. Exposure controls and personal protection

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limitsestablished by the region specific regulatory bodies.
Engineering Measures	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
Personal Protective Equipment	Eye/face Protection Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.



Gloves



Suit

9. Physical and chemical properties

Physical State	Powder Solid
Appearance	White

Odour	Pungent
Odour Threshold	No information available
pH	4.1 - 4.7 (5 %)
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evapouration rate	No information available
Flammability (solid, gas)	Upper No data available Lower No data available
Vapour pressure	No information available
Vapour density	Not applicable
Specific Gravity	No Data Available
Solubility	Soluble in water
Partition coefficient; n-octanol/water	No Data Available
Autoignition Temperature	No Data Available
Decomposition Temperature	> 170°C
Viscosity	No information available
Molecular Formula	H2 Na P O4
Molecular Weight	119.98

10. Stability and reactivity

Reactive Hazard	None known, based on information available
Chemical stability	Stable under normal conditions.
Conditions to avoid	Avoid dust formation. Incompatible products. Excess heat. Exposure to moisture.
Incompatible materials	Strong acids, Strong bases
Hazardous decomposition products	ProductsOxides of phosphorus, Sodium oxides
Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.

11. Toxicological information

Toxicologically Synergistic Products	No information available
Irritation	No information available
Sensitization	No information available
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.
Mutagenic Effects	No information available
Reproductive Effects	No information available
Developmental Effects	No information available
Teratogenicity	No information available
STOT	Single exposure None known
STOT	Repeated exposure None known
Aspiration hazard	No information available
Symptoms / effects,both acute and delayed	No information available
Endocrine Disruptor Information	No information available
Other Adverse Effects	The toxicological properties have not been fully investigated.

12. Ecological information

Ecotoxicity	Do not empty into drains. The product contains following substances which are hazardous for the environment.
Persistence and degradability	Soluble in water Persistence is unlikely based on information available.
Bioaccumulative potential	No information available.
Mobility in soil	Will likely be mobile in the environment due to its water solubility.

13. Disposal considerations

Waste Disposal Methods	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

14. Transport information

DOT	Not regulated
TDG	Not regulated
Hazard Class	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

15. Regulatory information

TSCA 12(b)	Notices of Export Not applicable
SARA 313	No data availble
SARA 311/312 Hazard Categories See section 2 for more information	Hazard Categories See section 2 for more information
CWA (Clean Water Act)	No data availble
Clean Air Act	No data availble
OSHA	Occupational Safety and Health Administration Not applicable
CERCLA	Not applicable
California Proposition	This product does not contain any Proposition 65 chemicals.
U.S. State Right-to-Know Regulations	Not applicable
U.S. Department of Transportation	Reportable Quantity (RQ): N DOT Marine Pollutant N DOT Severe Marine Pollutant N
Department of Homeland	This product does not contain any DHS chemicals.
Other International Regulations	Mexico - Grade No information available

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.