

## 1. Product and Company Identification

www.rxmarine.com

Product Name Mono Sodium Phosphate  
Part Number RXSOL-95-3123-025

### Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone +91 22 20871200 - 1400  
Fax +91 22 27612100 ::AOH :0091 9821214367  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)  
Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

Chemical Name	Cas No	EC No	Whight	Formula
Monosodium phosphate	7558-80-7	231-449-2	450 °C	
Boiling point	No data available			
Flash point	No data available			
Flammability (solid, gas)	No data available			
Explosive limits	No Data Available			
Upper/lower flammability or explosive limits	No data available			
Autoignition temperature	No data available			
Decomposition temperature	No data available			
Density	No data available			
Vapor pressure	No data available			
Vapor Density	Not applicable			
Relative Density	2.36 at 20 °C			
Specific Gravity	No information available			
Partition coefficient	No data available			
Explosive properties	No data available			
Solubility	50.2 g/l at 20 °C			
Ignition temperature	No information available.			
Particle characteristics	No data available			

## 10. Stability and reactivity

www.rxmarine.com

Reactivity	No data available
Stability	The product is chemically stable under standard ambient conditions (room temperature) .
Possibility of hazardous reactions	Violent reactions possible with: Strong acids
Conditions to avoid	Exposure to moisture.
Incompatible materials	No data available
Hazardous decomposition products	In the event of fire: see section 5

## 11. Toxicological information

www.rxmarine.com

Acute toxicity	LD50 Oral - Rat - female - > 2.000 mg/kg (OECD Test Guideline 420) LD50 Inhalation - Rat - male and female - 4 h - > 0,83 mg/l - dust/mist (OECD Test Guideline 403) LD50 Dermal - Rat - male and female - > 2.000 mg/kg (OECD Test Guideline 402)
Skin corrosion/irritation	Skin - Rabbit Result: No skin irritation - 4 h (OECD Test Guideline 404)
Serious eye damage/irritation	Eyes - Rabbit Result: No eye irritation Remarks: (ECHA)
Respiratory or skin sensitization	Local lymph node assay (LLNA) - Mouse Result: negative (OECD Test Guideline 429)
Carcinogenicity	No data available
Germ cell mutagenicity	Test Type: In vitro mammalian cell gene mutation test Test system: mouse lymphoma cells Metabolic activation: with and without metabolic activation Result: negative Remarks: (ECHA) Test Type: Micronucleus test Test system: Human lymphocytes Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 487 Result: negative
Reproductive toxicity	Suspected of damaging fertility. Suspected human reproductive toxicant Suspected of damaging the unborn child.
Specific target organ toxicity - single exposure	No data available
Additional Information	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. RTECS: WA1900000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. No toxic effects are to be expected when the product is handled appropriately. Handle in accordance with good industrial hygiene and safety practice.

## 12. Ecological information

www.rxmarine.com

Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.
Bioaccumulative potential	No data available
Toxicity to fish	Semi-static test LC50 - Oncorhynchus mykiss (rainbow trout) - > 100 mg/l - 96 h (OECD Test Guideline 203)
Toxicity to daphnia and other aquatic invertebrates	Static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h (OECD Test Guideline 202)
Toxicity	Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 1.520 mg/l - 96 h
Toxicity to bacteria	Static test EC50 - activated sludge - > 1.000 mg/l - 3 h (OECD Test Guideline 209)
Toxicity to algae	Static test ErC50 - Desmodesmus subspicatus (green algae) - > 100 mg/l - 48 h (OECD Test Guideline 201)
Products Biodegradation	The methods for determining the biological degradability are not applicable to inorganic substances.
Mobility	No information available.
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Endocrine disrupting properties	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Other adverse effects	Depending on the concentration, phosphates may contribute to the eutrophication of water supplies. Discharge into the environment must be avoided. .

### 13. Disposal considerations

www.rxmarine.com

Contaminated packaging  
Waste e Disposal Method

Dispose of as unused product.  
No data available

### 14. Transport information

www.rxmarine.com

UN number  
UN proper shipping name  
Transport hazard class(es)  
Packaging group  
Environmental hazards  
Special precautions for user  
Further information

ADR/RID:- IMDG:- IATA: -  
ADR/RID:- IMDG:- IATA:-  
ADR/RID: - MDG: IATA:  
ADR/RID: IMDG: IATA:  
ADR/RID: - No IMDG: - No IATA: -No  
No data available  
Not classified as dangerous in the meaning of transport regulations.

### 15. Regulatory information

www.rxmarine.com

Safety, health and environmental regulations/legislation specific for the substance or mixture  
Other regulations  
Chemical Safety Assessment  
Other regulations

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.  
Take note of Dir 94/33/EC on the protection of young people at work.  
For this product a chemical safety assessment was not carried out  
Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.

### 16. Other information

www.rxmarine.com

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 we 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.

**DISCLAIMER OF LIABILITY** :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.