

1. Product and Company Identification

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Product Name Sodium Phospate Tribasic
Part Number RXSOL-19-1522-050

Company Details:

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

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

Phone +91 22 20871200 - 1400
Fax +91 22 27612100 ::AOH :0091 9821214367
Email 123@rxmarine.com
Website www.rxmarine.com

2. Composition / Information on ingredients

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Name of Substance Cas Number
Sodium Phosphate 10101-89-0

3. Hazards Identification

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Hazard category	Intrusion route.
Health Hazards	Explosure Hazards:Mild irritation to mucous membranes.
Environmental hazards:	This product is not flammable.
Precautionary statements prevention	Wear protective gloves/protective clothing/eye protection/face protection.Use only outdoors or in a well-ventilated area.Wash face, hands and any exposed skin thoroughly after handling.Do not breathe dust/fume/gas/mist/vapors/spray.Keep away from heat/sparks/open flames/hot surfaces. - No smoking .Keep container tightly closed Ground/bond container and receiving equipmentUse explosion-proof

4. First Aid Measures www.rxmarine.com

Skin Contact

Remove contaminated clothing and rinse with running water. Eye Contact: Lift the eyelids

and flush with running water or normal saline. seek medical attention.

Inhalation:

Remove from site to fresh air. If breathing is difficult, give oxygen. seek medical attention.

Ingestion

Remove from site to fresh air. If breathing is difficult, give oxygen. seek medical attention.

5. Fire-fighting Measures www.rxmarine.com

Hazardous characteristics

thermal decomposition produces highly toxic phosphorus oxide fumes.

Hazardous Combustion Products

Hazardous Combustion Products.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire

Extinguishing method

Move the container from the fire to an open area as much as possible.

6. Accidental Release Measures www.rxmarine.com

Emergency Treatment

Isolate the leaked contaminated area and restrict access. It is recommended

that emergency personnel wear dust masks (full face masks) and general work clothes. Mix with sand, dry lime or soda ash. Collect in a dry, clean, covered container and transfer to a safe place. If there is a large amount of leakage, collect it for recycling or transport it to a waste disposal site for disposal.

7. Handling and Storage www.rxmarine.com

Precautions for operation

Airtight operation, pay attention to ventilation. Operators must undergo special

training and strictly abide by operating procedures. It is recommended that

operators wear self-priming filter dust masks. Avoid generating dust. Avoid

contact with acids. When handling, it should be lightly loaded and unloaded

to prevent damage to packaging and containers. Equipped with leakage

emergency treatment equipment. Empty containers may be harmful residue

Store in a cool, ventilated warehouse. Keep away from fire and heat sources.

It should be stored separately from acids, and should not be mixed.

Storage areas should be provided with suitable materials to contain spills.

Storage Precautions

8. Exposure controls and personal protection

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Occupational Exposure Limits

Provide exhaust ventilation or other engineering controls to

keep the airborne concentrations of vapors below their

respective threshold limit value. Ensure that eyewash

stations and safety showers are proximal to the work

-station location.

No standard.

no standard

No standard set

No standard set

China MAC(mg/m³)

Former Soviet Union MAC (mg/m³)

TLVTN

TLVWN

Monitoring method:

Engineering control: closed operation, pay attention to ventilation

Respiratory system protection: When the dust concentration in the

air is high, it is recommended to wear a self-priming filter dust mask

Eye Protection: When necessary, wear chemical safety goggles

Body protection: wear general work protective clothing

Hand protection: wear general work protective gloves

Other protection

After work, shower and change clothes. maintain good hygiene

9. Physical and chemical properties

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Main ingredient

pure

Colour

Colorless crystals

Odour

Odourless

pH

11.50-12.52

Melting point (°C)

73.4

Boiling point (?)

No information available

Relative density (water=1)	1.62
Relative vapour density (air=1)	No information available
Saturated vapor pressure (kPa)	No information available
Heat of Combustion (kJ/mol)	No information available
Critical temperature (°C)	No information available
Critical pressure (MPa)	No information available
Logarithmic octanol/water partition coefficient	Meaningless
Ignition temperature (°C)	Meaningless
Flash point (?)	Meaningless
Explosion upper limit % (V/V)	Meaningless
Lower explosion limit % (V/V)	Meaningless
Solubility	Soluble in water, insoluble in ethanol, carbon disulfide
Main use	Used as water softener, boiler cleaner, metal rust inhibitor and used in paper making, leather making, photography, etc. Other physical and chemical properties

10. Stability and reactivity

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Stability	Strong acids
	Incompatible materials: strong acids
	Conditions to avoid:
	Aggregation Hazards;
	Decomposition products

11. Toxicological information

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Acute toxicity	LD50: 7400 mg/kg (oral in rats)
LC50	No information available
Subacute and Chronic Toxicity:	Mutagenicity: Teratogenicity: Carcinogenicity

12. Ecological information

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Ecological information	Ecotoxicological toxicity
	Biodegradability

Non-biodegradability

Bioaccumulation or Bioaccumulation

No information available.

Other adverse effects

13. Disposal considerations

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Disposal method

Method: Please refer to relevant national and local regulations before disposal. After neutralization,

dispose of in safe burial.

14. Transport information

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Dangerous Goods Number

No Information

UN number

No information available

Packaging logo:

Company Logo

Packing category

Z01

Packing method

no information

Transportation Precautions

The packaging should be complete and the loading should be secure

at the time of departure. During transportation, make sure that

the container does not leak, collapse, fall or be damaged. It is

strictly forbidden to mix and transport with acids, etc.

During transportation, it should be protected from

exposure to sunlight, rain, and high temperature.

15. Regulatory information

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Regulatory Information

Regulations on the Safety Management of Chemical Hazardous Substances

(issued by the State Council on February 17, 1987), Implementation

Rules for the Regulations on the Safety Management of Chemical

Hazardous Substances (Hua Lao Fa [1992] No. 677), Regulations

on Safe Use of Chemicals in the Workplace ([1996] .Labor Ministry

of Chemical Industry No. 423) and other regulations, have made

corresponding regulations for the safe use, production, storage,

transportation, loading and unloading of chemical dangerous goods

16. Other information

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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

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