Material Safety Data Sheet

Di Sodium Phosphate (RXSOL-37-3203-025)

1. Product and Company Identifaction

Product Name	Disodium phosphate (DSP)
Product Type	RXSOL-37-3203-025

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Visakhpatnam, Fujairah

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

2. Composition / informationon ingredients

Chemical Name	Mol Formula
Di Sodium Phosphate,HYDRATE	NA2HPO4 12H2O

3. Hazards Identification

Potential Health Effects:

Eye:	May cause eye irritation.
Skin:	May cause skin irritation.
Ingestion:	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid if irritation or symptoms occur.
Inhalation:	Remove from exposure and move to fresh air immediately. Get medical aid if cough or other symptoms appear.
Notes to Physician:	Treat symptomatically and supportively.

4. First Aid Measures

Eyes:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid
Skin:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Ingestion:	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid if irritation or symptoms occur.
Inhalation:	Remove from exposure and move to fresh air immediately. Get medical aid if cough or other symptoms appear.
Notes to Physician:	Treat symptomatically and supportively.

5. Fire-fighting Measures

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media:	Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

Flash Point:	Not applicable.
Autoignition Temperature:	Not applicable.
Explosion Limits, Lower:	Not available.
Upper:	Not available.
NFPA Rating:	Not published.

6. Accidental Release Measures

General Information:
Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. Handling and Storage

Handling:

Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage:
Store in a cool, dry place.

8. Exposure controls and personal protection

Engineering Controls:
Use adequate ventilation to keep airborne concentrations low.

Exposure Limits :

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
DISODIUM PHOSPHATE, HYDRATE	none listed	none listed	none listed

9. Physical and chemical properties

Physical State	Powder
Appearance	White
ARSENIC Content	0.005 %wt Max.
METHYL ORANGE ALKALINITY (AS NaNO2)	8.2-8.9 %wt
IRON Content	0.05 %wt Max.
PHOSPHOROUS PENTOXIDE	19.45 %wt Min
Composition Purity	98.0 % wt (Minimum)
Decomposition Temperature	Not available
SolubilityCompletely	Soluble in water.
Insolubility Content in Water	0.1 % wt
MaxMolecular Formula	NA2HPO4.12H2O
Molecular Weight	141.96
Density	500 kg / M3

10. Stability and reactivity

Chemical Stability:	Stable.
Conditions to Avoid:	None reported.
Incompatibilities with Other Materials:	None identified.

Hazardous Decomposition Products:	Hydrogen chloride, toxic fumes of sodium oxide.
Hazardous Polymerization:	Has not been reported.

11. Toxicological information

RTECS#:
CAS# 7601-54-9: VZ4725000

LD50/LC50:
CAS# 7601-54-9:
- Draize test, rabbit, eye: 100 mg Mild;
- Draize test, rabbit, eye: 100 mg/24H Moderate;
- Draize test, rabbit, eye: 10 mg Moderate;
- Draize test, rabbit, skin: 50 mg/24H Mild;
- Draize test, rabbit, skin: 500 mg/24H Mild;
- Inhalation, rat: LC50 = >42 gm/m3/1H;
- Oral, mouse: LD50 = 4 gm/kg;
- Oral, rat: LD50 = 3000 mg/kg;
- Skin, rabbit: LD50 = >10 gm/kg;

Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: No information available.
Mutagenicity: No information available.
Neurotoxicity: No information available.

Other Studies:

12. Ecological information

No information available.

13. Disposal considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport information

	US DOT	Canada TDG
Shipping Name:	Not regulated as a hazardous material	No information available.

15. Regulatory information

US FEDERAL:
TSCA: CAS# 7601-54-9 is listed on the TSCA inventory.

Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.

Section 12b: None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs: None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPQ.

Section 313: No chemicals are reportable under Section 313.

Clean Air Act:
This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depletors.
This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:
None of the chemicals in this product are considered highly hazardous by OSHA.

STATE:
CAS# 7601-54-9 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65:
California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations:
European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection): CAS# 7601-54-9: 0

16. Other information

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 application(s) without seeking advice from manufacturer.