Material Safety Data Sheet

Radiator Condensor Scale Controller (RXSOL-40-4007-020)

1. Product and Company Identifaction

Product Name **Dispersant Solution**

Product Type

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

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
Fax	+91 22 2781 1318 :::AOH :0091 9322594669
Email	mail@rxmarine.com

2. Composition / informationon ingredients

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
	Sodium Phosphate Hexameta Anhydrous	CAS# 10124-56-8	0.15%	W/V	TXDS: orl-mus LD50: 7250 mg/Kg
	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	Not Established

3. Hazards Identification

May be harmful if swallowed. May cause irritation. Avoid breathing vapors or dust. Use with adequate ventilation. Avoid contact with eyes, skin and close. Wash thoroughly after handling.

Emergency Overview:	Caution! May cause irritation to skin, eyes, and respiratory tract. May be harmful if swallowed or inhaled.
Inhalation:	May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.
Ingestion:	Phosphates are slowly and incompletely absorbed when ingested, and seldom result in systemic effects. Such effects, however, have occurred. Symptoms may include vomiting, lethargy, diarrhea, blood chemistry effects, heart disturbances and central nervous system effects. The toxicity of phosphates is because of their ability to sequester calcium. Systemic acidosis may result as this material is believed to hydrolyze into phosphoric acid when ingested.

Skin:	May cause irritation with redness and pain.
Eye Contact:	May cause irritation with redness and pain.
Chronic Exposure:	May sequester calcium and cause calcium phosphate deposits in the kidneys. Chronic ingestion or inhalation may induce systemic phosphorous poisoning. Liver damage, kidney damage, jaw/tooth abnormalities, blood disorders and cardiovascular effects can result.
Aggravated by Exposure:	Persons with pre-existing skin disorders or eye problems, jaw/tooth abnormalities, or impaired liver, kidney or respiratory function may be more susceptible to the effects of the substance.

4. First Aid Measures

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

FIRST AID:

SKIN	Remove contaminated clothing. Wash exposed area with soap and water. if irritation persists, seek medical attention.
EYES	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.
INHALATION	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
INGESTION	If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire.
Fire/Explosion Hazards:	None Known
Firefighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.
Ventilate area of leak or spill. Keep unnecessary and unprotected people away from the area of

spill. Wear appropriate personal protective equipment as specified in Section 8. Contain and recover liquid when possible Collect liquid in an appropriate container or absorb with an inert material (e.g., Vermiculite, dry sand, earth). Do not flush to sewer!

7. Handling and Storage

This Material is not considered hazardous. Handle using safe laboratory practices.

8. Exposure controls and personal protection

Respiratory protection	None Required
Ventilation	Local Exhaust Mechanical
Protective gloves	Gloves to prevent skin exposure (e.g., rubber or vinyl)
Eye protection	Safety Glasses
Other protective equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

Melting Point	Information not available
Boiling Point	Information not available
Vapor Pressure	Information not available
Vapor Density	Information not available
Solubility In Water	Soluble
Appearance/Odors	Clear, water white / None
Flash Point	Not flammable
Percent Volatile By Volume	Information not available
Evaporation Rate	1
Evaporation Standard	Water = 1

Auto Ignition Temp	Not Applicable
Lower Flamm. Limit In Air	Not Applicable
Upper Flamm. Limit In Air	Not Applicable
Specific Gravity	~ 1.01

10. Stability and reactivity

Stability	Stable
Conditions to Avoid	Not applicable
Materials to Avoid	Not applicable
Hazardous Decomposition Products	Sodium and phosphorous oxides if heated to ombustion
Hazardous Polymerization	Will not occur
Conditions to Avoid	None known

11. Toxicological information

Carcinogenic References: IARC Category- None, NTP Carcinogen - Known: No

12. Ecological information

Environmental Fate: No Information Found.
Environmental Toxicity: No Information Found.

13. Disposal considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements..

14. Transport information

DOT Classification: Not Regulated
DOT regulations may change from time to time. Please consult the most recent DOT regulations.

15. Regulatory information

Chemical Inventory Status –
Part 1:Ingrdient
Polyphosphoric Acids, Sodium Salts (68915-31-1)

TSCA	Yes
EC	Yes
Japan	Yes
Australia	Yes

Chemical Inventory Status
Part 2:Ingredient
Polyphosphoric Acids, Sodium Salts (68915-31-1)

Korea	Yes
DSL	Yes
NDSL	No
Phil.	Yes

Federal, State & International Regulations –
Part 1: Ingredient
Polyphosphoric Acids, Sodium Salts (68915-31-1)

RQ	No
TPQ	No
List	No
Chemical Catg	No

Federal, State & International Regulations –
Part 2:Ingredient
Polyphosphoric Acids, Sodium Salts (68915-31-1)

CERCLA	No
261.33	No
8(d)	No
Chemical Weapons Convention	No
TSCA 12 (b)	No
CDTA	No (Mixture/Solid)
SARA 311/312 : Acute	Yes
Chronic	Yes
Fire	No
Pressure	No
Reactivity	No
Australian Hazchem Code	None allocated
Poison Schedule	None allocated

16. Other information

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