Material Safety Data Sheet

Alkaline Passivator (RXSOL-19-1521-050)

1. Product and Company Identifaction

Product Name	RXSOL-19-1521-050
Product Type	Alkaline Passivator

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Sodium Meta Silicate	6834-92-0	80%	W/W	TXDS: orl-mus LD•7250 mg/Kg
Proprietory Blend of Corossion Inhibitor	-------	20	W/W	-------

3. Hazards Identification

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

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, 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

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SKIN:	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:	Negligible fire hazard when exposed to heat or flame
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amounts of residue may be flushed to sewer with plenty of water.

7. Handling and Storage

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

8. Exposure controls and personal protection

Respiratory Protection	Dust or mist respirator
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Wear appropriate gloves to prevent skin exposure
EYE PROTECTION	Goggles and Face Shield
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

BOILING POINT	Information not available
VAPOR PRESSURE	Information not available
MELTING POINT	1184 F (640C)
VAPOR DENSITY	Information not available
EVAPORATION RATE	N/A
Appearance /Odors	Odorless white powder or granules
Flash Point	not
Specific Gravity	2.4
Percent Volatile by	0
Evaporation Standard	
Auto Ignition Temp	Not applicable

Lower Flamm. Limit in Air	Not applicable
Upper Flamm. Limit in Air	Not applicable
Solubility in Water	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	moisture / air
MATERIALS TO AVOID	none specified
HAZARDOUS DECOMPOSITION PRODUCTS	Silictes of Sodium
HAZARDOUS POLYMERIZATION	Not known to occur
Conditions to Avoid	None known

11. Toxicological information

Carcinogenic References:
IARC Category – None, NTP Carcinogen - Known: No
Oral rat LD50: 3053 mg/kg
--------\Cancer Lists\----------
---NTP Carcinogen---
Ingredient Known Anticipated IARC Category
---------- ----- ---------- ----------
Sodium Meta Silicate, Sodium Salts No No None
(68915-31-1)

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 disposal 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 D.O.T. regulations.

15. Regulatory information

Chemical Inventory Status –
Part 1:Ingrdient
Silicates, Sodium Salts(68915-31-1)
TSCA Yes
EC Yes

Japan YES
Australia Yes

Chemical Inventory Status –
Part 2:Ingredient
Potassium Sulfate (7778-80-5)
Page 3 of 5 Calcon (2538-85-4)
Korea Yes
DSL Yes
NDSL No
Phil. Yes

Federal, State & International Regulations –
Part 1: Ingredient.
Silicate, Sodium Salts(68915-31-1)
RQ No
TPQ No
List NO
Chemical Catg: No

Federal, State &
International Regulations –
Part 2:Ingredient
Silicate, 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
WHMIS:This MSDS has been prepared according to the hazard criteria of the Controlled
Products
Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other information

Avoid ingestion & inhalation. Avoid contact with eyes and skin. May cause skin and eye irritation. May cause respiratory tract irritation. Persons with preexisting skin, eye or mucous membrane disorders may be more susceptible.

Revisions	NFPA
7/30/2010	0.1 updated msds to 16 section from 10 section msds. STN
	0

The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material