Material Safety Data Sheet

Versanate Indicator (RXSOL-60-6004-500)

1. Product and Company Identifaction

Product Code	RXSOL-60-6004-500
Product Name	Versanate Indicator

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
Calmagite	CAS# 3147-14-6	0.05 – 0.2%	W/V	None Established
Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None 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 clothes. Wash thoroughly after handling.

Emergency Overview: Caution! May cause irritation to skin and eyes.

Inhalation: No adverse health effects expected from inhalation.

Ingestion: Substance has low toxicity by ingestion. Large amounts may cause gastrointestinal upset due to osmotic imbalance caused by its ability to sequester metal ions.

Skin: May cause irritation with redness and pain.

Eye Contact: May cause irritation, redness and pain.

Chronic Exposure: No Information Found.

Aggravated by Exposure: No Information Found.

4. First Aid Measures

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:	None Known.
Fire Fighting 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. Flush excess down drain. Ventilate Area of Leak or 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 (Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust. Do Not Flush to Sewer.

7. Handling and Storage

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.

8. Exposure controls and personal protection

Respiratory Protection:	None required
Ventilation:	Local Mechanical
Protective Gloves:	Wear appropriate gloves to prevent skin exposure.
Eye Protection:	Splash Goggles
Other Protective Equipment:	Wear appropriate clothing to prevent skin exposure.

9. Physical and chemical properties

Melting Point:	~0°C
Boiling Point:	~100°C
Vapor Pressure:	Information Not Available
Vapor Density:	Information Not Available
Solubility in Water:	Soluble
Appearance/Odors:	Blue-Purple or Red Odorless Liquid

Flash Point:	Not Flammable
Percent Volatile by Volume:	>99%
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:	1.0

10. Stability and reactivity

Stability:	Stable
Conditions to Avoid:	See incompatibilities
Materials to Avoid:	Concentrated acids and bases, water reactive materials.
Hazardous Decomposition Products:	Not known to occur.
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid:	None known

11. Toxicological information

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

12. Ecological information

No Information Found.

13. Disposal considerations

Dilute with water and flush to sewer if local ordinances allow, otherwise, whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. 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: Ingredient
Calmagite (3147-14-6)
TSCA Yes
EC Yes
Japan No
Australia Yes

Chemical Inventory Status –
Part 2: Ingredient
Calmagite (3147-14-6)
Korea Yes
DSL No
NDSL Yes
Phil. No

Federal, State & International Regulations –
Part 1: Ingredient.
Calmagite (3147-14-6)
RQ No
TPQ No
List No
Chemical Catg No

Federal, State & International Regulations –
Part 2: Ingredient
Calmagite (3147-14-6)
CERCLA No
261.33 No
8(d) No

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

16. Other information

Overexposure symptoms. Acute: Essentially non-hazardous. Possible irritation of eyes/stomach. Chronic: None known. Conditions aggravated/Target organs: none known.

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