Material Safety Data Sheet

Silica Test Kit (RXSOL-62-5537-001)

1. Product and Company Identifaction

Product Name	**Silica Test Kit**
Product Type	**RXSOL-62-5537-001**

Company Details:

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

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
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Email	mail@rxmarine.com

2. Composition / informationon ingredients

Chemical Characterization: Various chemical test reagents are comprising of the different inorganic and organic chemicals.

The kit contains following chemical reagents

SR.NO.	Items	Ingredients	REMARKS
1.	Silica S-1	Dilute acid,	Corrosive Avoid contact with skin
2.	Silica S-2	Aqueous Ammonia Molybdate solution	Non Corrosive
3.	Silica S-3	Aqueous Oxalic Acid solution	Non Corrosive
4.	Silica S-4	Reducing agent	Hazardous. Do not inheal
5.	Test Jars	NA	NA
6.	Colour Chart	NA	NA

3. Hazards Identification

Not classified as dangerous goods.

4. First Aid Measures

Since product is non hazardous, non toxic and non inflammable. No specific precaution are required.

In general following are the measures to be followed.

Ingestion(Swallowing)	May cause nausea and vomiting / Dilute by drinking copious amounts of water and obtain medical attention.
Skin Contact	Slightly irritating to skin / wash affected skin with soap and water and obtain medical Attention.
Eye contact	Irritating to eyes / wash eyes with large amounts of water for atleast 15 minutes and obtain medical attention.
Inhalation	Vapors may be irritating to nose throat and respiratory track producing symptoms of nausea in poor ventilated area. Remove subject to fresh air obtain medical attention.

5. Fire-fighting Measures

Flammable limits in air, % by Volume: NA Aqueous solution having 1% active ingredient.

Flash point	NA
Extinguishing Media	NA. as the solution is 90% water. Since product is not inflammable so no fire fighting measures are required
Special risks	Not combustible
Suitable extinguishing media	To suit environment.

6. Accidental Release Measures

In case of spill or leakage soak up spills with absorbent material and scoop into drums. Wear appropriate protective clothing.

7. Handling and Storage

Store at room temperature, protected from heat, light and draught. Should not be refrigerated or frozen. Wear rubber gloves and safety goggles. Avoid breathing vapors and avoid skin contact.

8. Exposure controls and personal protection

Exposure Limits	None assigned
Personal protective equipment	As appropriate to the situation and the quantity handled.
Ventilation	Extraction hood required when dusts are generated.

Respiration	Dust respirator required when dusts are generated.
Gloves	Rubber or plastic
Eye Protection	Goggles or face-shield.
Other precaution	Please apron, sleeves, boots- if handling large quantities.

9. Physical and chemical properties

General Information :
Different chemical Test Reagents are comprising of Dilute Acid Solution, Ammonium Molybdate, Dilute Oxalic Acid solution, Reducing agent contains Amino Napthol, Sulphonic acid, Sodium Sulphite & Sodium Hydrogen Sulphite.

10. Stability and reactivity

No Data Available.

11. Toxicological information

All above solutions are non toxic at sued levels. Since the product is non toxic no tests have been carried our.

12. Ecological information

Aquatic toxicology : No Data Available.
Biodegradation : No Data Available.
Quantitative data on the ecological effect of this product are not available. Adverse ecological effects cannot be excluded in the event of improper handling or disposal. Do not allow to enter drinking water supplies, waste water, or soil.

13. Disposal considerations

Follow all local, state and federal regulations for disposal. Contact your local waste disposal authority for advice.

14. Transport information

Since product is not hazardous, non toxic, non inflammable. No unusual precaution is required. Not subject to transport regulations.

15. Regulatory information

Consult state and local regulatory authorities.

16. Other information

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