



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-95-6220-050

Potassium Iodate

Material Safety Data Sheet (MSDS)

1. Product and Company Identification

www.rxmarine.com

Product Name	SILICA GEL WHITE
Product Type	RXSOL-60-6014-400

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Visakhapatnam, Fujairah, oman. Canada

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2. Composition / Information on ingredients

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EC No.	231-545-4
GROSS FORMULA	SiO ₂
CAS-No.	7631-86-9

COMPOSITION COMMENTS:

Active ingredient: 95-100%.

3. Hazards Identification

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CLASSIFICATION

4. First Aid Measures

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INHALATION:	Move the exposed person to fresh air at once. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
INGESTION:	Rinse mouth thoroughly. Drink plenty of water. Get medical attention if symptoms appear.

SKIN CONTACT:	Wash skin thoroughly with soap and water for several minutes. Get medical attention if irritation persists after washing.
EYE CONTACT:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. Fire-fighting Measures

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EXTINGUISHING MEDIA:

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

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PERSONAL PRECAUTIONS:

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust.

SPILL CLEAN UP METHODS:

Remove spillage with the vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid the formation of dust. Dampen spillage with water if necessary.

7. Handling and Storage

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USAGE PRECAUTIONS:

Avoid spilling, skin and eye contact. Avoid inhalation of dust. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS:

Store in tightly closed original container in a dry, cool and well-ventilated place.

8. Exposure controls and personal protection

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PROTECTIVE EQUIPMENT:

PROCESS CONDITIONS:	Provide eyewash station.
ENGINEERING MEASURES:	Provide adequate general and local exhaust ventilation.
RESPIRATORY EQUIPMENT:	Wear suitable respiratory protection.
HAND PROTECTION:	Wear protective gloves.
EYE PROTECTION:	No specific eye protection noted, but may be required anyway.
HYGIENE MEASURES:	Wash at the end of each work shift and before eating, smoking and using the toilet.

9. Physical and chemical properties

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Information on basic physical and chemical properties:

APPEARANCE	Granules or beads.
COLOUR	White
ODOUR	Odourless
SOLUBILITY	Not soluble in water.
DECOMPOSITION TEMPERATURE (°C)	>1600

10. Stability and reactivity

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MATERIALS TO AVOID:

STABILITY:	Stable under normal temperature conditions and recommended use.
HAZARDOUS POLYMERISATION:	Will not polymerise.
Water, steam, wate mixtures.	
HAZARDOUS DECOMPOSITION PRODUCTS:	None under normal conditions.

11. Toxicological information

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TOXIC DOSE 1 -LD50 :	>5000 mg/kg (oral rat)
INHALATION:	Dust may irritate respiratory system or lungs. May have long term dust effects.
INGESTION:	May cause discomfort if swallowed.
SKIN CONTACT:	May cause skin irritation.
EYE CONTACT:	May irritate eyes.

12. Ecological information

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LC 50, 96 Hrs, FISH mg/l	>10000
EC 50, 48 Hrs, DAPHNIA,mg/l	>10000
MOBILITY:	Not considered mobile.
DEGRADABILITY:	The product is not biodegradable.
ACUTE FISH TOXICITY:	Not considered toxic to fish.

13. Disposal considerations

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GENERAL INFORMATION:

This material and its container must be disposed of in a safe way.

DISPOSAL METHODS:

This material and its container must be disposed of in an approved landfill site in accordance with Local and/or National Waste Disposal Regulations, to prevent a dust hazard.

14. Transport information

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GENERAL:

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. Regulatory information

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RISK PHRASES:	NC	Not classified.
SAFETY PHRASES:	S22 S24 S25	Do not breathe dust. Avoid contact with skin. Avoid contact with eyes.

16. Other information

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Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37:Irritating to respiratory system; R41: Risk of serious damage to eyes. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents 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.

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