

Activated Alumina Powder Absorbent and Catalyst (RXSOL-24-1905-020)

MATERIAL SAFETY DATA SHEET • SALALAH CHEMICAL, OMAN

1. Product and Company Identification

www.rxmarine.com

Product Name	RXSOL-24-1905-020
Product Type	Potassium Permanganate Impregnated Alumina

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Muscat

Company Details:

RX MARINE INTERNATIONAL

105, A wing, BSEL, TECH PARK.

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2. Composition / Information on ingredients

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DANGEROUS INGREDIENTS

COMPONENTS	CAS NO.	%BY WEIGHT	ACGIH TLB	OSHA PEL
Aluminum oxide	1333-84-2	97%	N/D	15 (total dust),
Aluminum silicate	14504-95-1	0.2%	N/D	5 (respirable) mg/m3
Potassium Permagnate	7722-64-7	PROPRIETARY BLEND		

3. Hazards Identification

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EYES:	Can cause mild irritation, especially when wet.
SKIN:	Can cause mild irritation.
INHALATION:	Can cause mild upper respiratory tract irritation.
INGESTION:	Can cause mild irritation.

4. First Aid Measures

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EYES:	Flush eyes with plenty of water or saline for at least 15 minutes. Consult a physician.
SKIN:	Wash with soap and water for at least 15 minutes. Consult a physician if irritation persists.
INHALATION:	Remove to fresh air. Check for clear airway, breathing, and presence of pulse. Provide CPR for persons without pulse or respirations. Consult a physician.

INGESTION:	If swallowed, dilute by drinking large amounts of water. Never give anything by mouth to a convulsing or unconscious person. Do not induce vomiting. Consult a physician.
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5. Fire-fighting Measures

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SUITABLE EXTINGUISHING AGENTS:	Use fire fighting measures that suit the environment.
PROTECTIVE EQUIPMENT:	Wear self-contained respiratory protective device. Wear fully protective suit.
ACCIDENTAL RELEASE MEASURES:	Person-related safety precautions: Wear protective clothing. Measures for environmental protection: No special measures required. Measures for cleaning/collecting: clean up using dry procedures; avoid dusting. Additional information: No dangerous substances are released.

6. Accidental Release Measures

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N/A

7. Handling and Storage

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HANDLING:	Ensure good ventilation/exhaust at the workplace. Prevent formation of dust. Provide suction extractors if dust is formed.
Protection against explosions and fires:	No special measures required.
STORAGE:	Keep material dry. Storage in one common storage facility is not required.

8. Exposure controls and personal protection

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Personal protective equipment. Do not inhale dust. Avoid contact with the eyes. Use suitable respiratory protective device in case of insufficient ventilation. Short term filter device: Filter P2. Protection of hands: impervious gloves. Eye protection: Safety glasses.

9. Physical and chemical properties

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APPEARANCE:	Off-white, crystalline or gelatinous granules, pellets/powder.
BOILING POINT:	Undetermined
FREEZING POINT:	3,700°F (2038°C)
VAPOR PRESSURE:	Not applicable
AUTOIGNITING:	Product is not self igniting
SPECIFIC GRAVITY:	3.2
DENSITY:	Loose Bulk: 39-52 lb/ft (0.62-0.83 g/cm).
pH:	10% in water 9.4-10.1

ODOR:	Characteristic
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10. Stability and reactivity

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CHEMICAL STABILITY CONDITIONS TO AVOID	A rise in temperature may result from contact with water.
INCOMPATIBILITY	None.
HAZARDOUS DECCSIPOSITION PRODUCTS	None if used according to specifications.
HAZARDOUS POLYMERIZATION:	None. Non-corrosive.

11. Toxicological information

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N/A

12. Ecological information

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N/A

13. Disposal considerations

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Collect in containers, bags, or covered dumpster boxes. If reuse or recycling is not possible, material may be disposed of at an industrial landfill.

Waste disposal key: 16 03 01 513 05

Disposal must be made according to official regulations.

14. Transport information

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N/A

15. Regulatory information

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NA

16. Other information

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