Material Safety Data Sheet

Activated Alumina Desiccants (RXSOL-19-1905-025)

1. Product and Company Identifaction

Product Name	RXSOL-19-1905-025
Product Type	Activated Alumina Desiccants
CHEMICAL NAME	Aluminum Oxide

Company Details:

RX MARINE INTERNATIONAL
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PRODUCT IDENTIFICATION PRODUCT NAME: Activated Alumina

2. Composition / informationon ingredients

INGREDIENTS

COMPONENTS	CAS NO.	%BY WEIGHT	ACGIH TLB	OSHA PEL
Aluminum oxide	1344-28-1	97%	N/D	15 (total dust),
Aluminum silicate	14504-95-1	0.2%	N/D	5 (respirable) mg/m3

3. Hazards Identification

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.

Alumina is a low health risk by inhalation and should be treated as a nuisance dust as specified by the ACGIH. This product contains total silicates at 1% by weight.

4. First Aid Measures

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.

5. Fire-fighting Measures

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

Alumina is a low health risk by inhalation and should be treated as a nuisance dust as specified by the ACGIH. This product contains total silicates at 1% by weight.

7. Handling and Storage

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

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

APPEARANCE:	Off-white, crystalline or gelatinous granules, pellets.
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

10. Stability and reactivity

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

N/A

12. Ecological information

N/A

13. Disposal considerations

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

DOT

UN Number	Not Applicable
Proper shipping name	Activated Alumina Desiccants
Hazard Class	Not regulated as dangerous goods.
Packing group	Not Applicable

TDG

UN Number	Not Applicable
Proper shipping name	Activated Alumina Desiccants
Hazard Class	Not regulated as dangerous goods.
Packing group	Not Applicable

IATA

UN Number	Not Applicable
Proper shipping name	Activated Alumina Desiccants
Hazard Class	Not regulated as dangerous goods.
Packing group	Not Applicable

IMDG/IMO

UN Number	Not Applicable
Proper shipping name	Activated Alumina Desiccants

Hazard Class	Not regulated as dangerous goods.
Packing group	Not Applicable

15. Regulatory information

NA

16. Other information

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