

# Activated Alumina Desiccants

Part No. RXSOL-19-1905-025 — Generated 06 Oct 2026

## 1. Product and Company Identification

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

Company Details:

RX MARINE INTERNATIONAL  
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VASHI ,NEW BOMBAY 400703 INDIA

|       |                                                          |
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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:   | <p>Person-related safety precautions: Wear protective clothing.</p> <p>Measures for environmental protection: No special measures required.</p> <p>Measures for cleaning/collecting: clean up using dry procedures; avoid dusting.</p> <p>Additional information: No dangerous substances are released.</p> |

## 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**

The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, seller makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.

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