

1. Product and Company Identification

www.rxmarine.com

Product Name Aluminium Hydroxide Chloride, solution
Product Type **RXSOL-60-6404-025**

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Hazardous Ingredients	CAS-No	Content	R-phrases	Classification
Aluminium Hydroxide Chloride, solution	1327-41-9	24±1,5%	R36	Xi
Other ingredients Water	7732-18-5	76±1,5%		

3. Hazards Identification

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Hazard effects: The product is irritating to eyes and degreasing to skin.
Environmental effects: See [Ecological Information](#) heading no 12.
Other effects: Contact with non-precious metals (eg aluminium, iron, zinc and their alloys) generates hydrogen gas explosive mixture with air.

4. First Aid Measures

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Inhalation: Remove patient to fresh air upon irritation or breathing difficulty.
Skin contact: Wash with soap and water, use skin cream if necessary. Remove all contaminated clothing which should be washed before reuse.
Eye contact: Rinse with plenty of water. Seek medical attention.
Ingestion: Rinse with plenty of water. Seek medical attention.

5. Fire-fighting Measures

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Extinguishing Media: Governed by other material present.
Unsuitable Ext. Media: None known.
Special Protective equipment: Self-contained breathing apparatus should be worn when fighting fires.
Special Exposure Hazards: Hydrochloric acid fumes may be emitted during thermal decomposition.

6. Accidental Release Measures

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Large Spillage: Contain and adsorb with sand, earth or another suitable inert material. Prevent the product from reaching water courses. Adjust to pH 6-10 (with care as reaction is exothermic) using sodium carbonate, calcium carbonate.
Small spillage: Wash away with plenty of water if acceptable to local authorities.
Personal Protection: Goggles and rubber/PVC gloves. Full working clothes recommended. Eye wash station needed.

7. Handling and Storage

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Handling:

Normal handling precautions applicable to industrial chemicals.

Storage:

Store the product in the original package or in a container/tank of polythene, glass fibre reinforced poly

Material to Avoid:

Avoid most metals, especially the non-precious variety.

8. Exposure controls and personal protection

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Respiration:

Not applicable under normal conditions of use. However, ood ventilation should be provided in w
inhale the vapour.

Skin Contact:

Use rubber/PVC gloves. Full working clothesrecommended.

Eye Contact:

Goggles and eyewash station.

Air contamination limits:

DE-MAK: No information, GB-OES/TWA: 2 mg/m³ as Al(soluble salts), US-TLV/TWA: 2 mg/m³ as

9. Physical and chemical properties

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Form and colour

Clear yellowish liquid

Odour

Slight odour

Boiling point:

Boiling point 108° C

pH

1,5 ± 0,3 (see Other Information⁷)

Melting point/Freezing point