

## 1. Product and Company Identification

www.rxmarine.com

Product Name **RXSOL-60-6604-225**  
Product Type **CALCIUM CHLORIDE (DIHYDRATE) LR**  
Revised date

### Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / Information on ingredients

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**Substance / Preparation : CALCIUM CHLORIDE (DIHYDRATE) LR**

CAS No :10035-04-8

Substance.

Contains no other components or impurities which will influence the classification of the product.

## 3. Hazards Identification

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### 3.1. Classification of the substance or mixture

**Classification EC 67/548 or EC 1999/45**

**Classification : Xi; R36**

**Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)**

Health hazards : Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319

### 3.2. Label elements

**Labelling EC 67/548 or EC 1999/45**

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**Symbol(s) :** Xi : Irritant

**R Phrase(s) :** R36 : Irritating to eyes.

**S Phrase(s) :** S22 : Do not breathe dust.

S24 : Avoid contact with skin.

**Labelling Regulation EC 1272/2008 (CLP)**

**Hazard pictograms**



**Signal words :** Warning

**Hazard statements :** H319 : Causes serious eye irritation. Precautionary statements

**Prevention :** P280: Wear protective gloves, protective clothing, eye protection, face protection.

P264: Wash thoroughly after handling.

**Response :** P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

### 3.3. Other hazards

**Other hazards :** The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

## 4. First Aid Measures

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## 4.1. Description of first aid measures

**Inhalation** : Assure fresh air breathing. Allow the victim to rest.

**Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**Eye contact** : If eye irritation persists : Get medical advice. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

**Ingestion** : Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

## 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms relating to use** : Causes serious eye irritation.

## 4.3. Indication of any immediate medical attention and special treatment needed

**General information** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

## 5. Fire-fighting Measures

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### 5.1. Extinguishing media

**Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable extinguishing media** : Do not use a heavy water stream.

**Surrounding fires** : Use water spray or fog for cooling exposed containers.

### 5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

### 5.3. Advice for fire-fighters

**Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.

**Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

### 6.1. Personal precautions, protective equipment and emergency procedures

**For emergency responders :** Equip cleanup crew with proper protection. Ventilate area.

**For non-emergency personnel :** Evacuate unnecessary personnel.

### 6.2. Environmental precautions

**Environmental precautions :** Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

**Clean up methods :** On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

### 6.4. Reference to other sections

See section 8. Exposure controls/personal protection

## 7. Handling and Storage

### 7.1. Precautions for safe handling

**Handling :** Wash thoroughly after handling.

**Technical protective measures :** Provide good ventilation in process area to prevent formation of vapour.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage :** Keep only in the original container in a cool, well ventilated place.

Keep container closed when not in use.

**Storage - away from :** Strong bases. Strong acids. Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

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**Specific end use(s) :** None.

## **8. Exposure controls and personal protection**

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### **8.1. Exposure controls**

**Personal protection :** Avoid all unnecessary exposure.

**☒ Respiratory protection :** Wear approved mask.

**☒ Hand protection :** Wear protective gloves.

**☒ Eye protection :** Chemical goggles or safety glasses.

**☒ Others :** When using, do not eat, drink or smoke.

### **8.2. Control parameters**

**Occupational Exposure Limits :** No data available.

## **9. Physical and chemical properties**

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### **9.1. Information on basic physical and chemical properties**

**Physical state at 20 °C :** Solid.

**Odour :** Odorless

**Odour threshold :** No data available.

**pH value :** Not applicable.

**Melting point [°C] :** 176 °C

**Decomposition point [°C] :** N/A

**Critical temperature [°C] :** N/A

**Auto-ignition temperature [°C] :** N/A

**Flammability (solid, gas) :** N/A

**Flash point [°C] :** N/A

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**Boiling point [°C] : N/A**

**Initial boiling point [°C] : > 16000C**

**Final boiling point [°C] : N/A**

**Evaporation rate : N/A**

**Vapour pressure [20°C] : 0.01 hPa at 20 °C**

**Vapour pressure mm/Hg : N/A**

**Vapour density : N/A**

**Density [g/cm<sup>3</sup>] : 1,85**

**Relative density, gas (air=1) : N/A**

**Relative density, liquid (water=1) : N/A**

**Solubility in water [% weight] : 147 g/l at 20 °C - c**

**Solubility in water : N/A**

**Log Pow octanol / water at 20°C : No data available.**

**Solubility : 5 - 8**

**Viscosity at 40°C [mm<sup>2</sup>/s] : N/A**

## **9.2. Other information**

**Explosive properties : N/A**

**Explosion limits - upper [%] : N/A**

**Explosion limits - lower [%] : N/A**

**Oxidising properties : No data available.**

## **10. Stability and reactivity**

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### **10.1. Reactivity**

**Reactivity : Not established.**

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## 10.2. Chemical stability

**Chemical stability :** Stable under recommended storage conditions.

## 10.3. Possibility of hazardous reactions

**Hazardous reactions :** Not established.

## 10.4. Conditions to avoid

**Conditions to avoid :** Direct sunlight. Extremely high or low temperatures.

## 10.5. Incompatible materials

**Materials to avoid :** Strong acids. Strong bases.

## 10.6. Hazardous decomposition products

**Hazardous decomposition products :** Fumes. Carbon monoxide. Carbon dioxide.

# 11. Toxicological information

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## 11.1. Information on toxicological effects Acute toxicity

**☒ Inhalation :** Based on available data, the classification criteria are not met.

**☒ Dermal :** Based on available data, the classification criteria are not met.

**☒ Ingestion :** Based on available data, the classification criteria are not met.

**Corrosion :** Based on available data, the classification criteria are not met.

**Irritation :** Causes serious eye irritation.

**Sensitization :** Based on available data, the classification criteria are not met.

**Mutagenicity :** Based on available data, the classification criteria are not met.

**Carcinogenicity :** Based on available data, the classification criteria are not met.

**Toxic for reproduction :** Based on available data, the classification criteria are not met.

**STOT-single exposure :** Based on available data, the classification criteria are not met.

**STOT-repeated exposure :** Based on available data, the classification criteria are not met.

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**Aspiration hazard** : Based on available data, the classification criteria are not met.

## 12. Ecological information

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### 12.1. Toxicity

**Toxicity information** : Not established.

### 12.2. Persistence - degradability

**Persistence - degradability** : Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** : Not established.

### 12.4. Mobility in soil

**Mobility in soil** : Not established.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** : The substance does not fulfil the criteria to be identified as

PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### 12.6. Other adverse effects

**Environmental precautions** : Avoid release to the environment.

## 13. Disposal considerations

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### 13.1. Waste treatment methods

**General** : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

## 14. Transport information

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### 14.1. Land transport (ADR-RID)

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**General information** : Not regulated.

#### **14.2. Sea transport (IMDG) [English only]**

**General information** : Not regulated.

#### **14.3. Air transport (ICAO-IATA) [English only]**

**General information** : Not regulated.

### **15. Regulatory information**

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#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Safety, health and environmental** : Ensure all national/local regulations are observed.

#### **regulations/legislation specific for the substance or mixture**

**REACH Restrictions - Annex XVII** : The components of this product are not subject to restrictions.

**REACH Authorisation - Annex XIV** : The components of this product are not subject to authorization.

#### **15.2. Chemical Safety Assessment**

**Chemical Safety Assessment** : It has not been carried out.

### **16. Other information**

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**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.

vPvB: very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing

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Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

**Further information :** None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation  
(CE) N° 1272/2008

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