

## 1. Product and Company Identification

www.rxmarine.com

Product Name

RXSOL-60-6604-230

Product Type

CALCIUM HYDROXIDE AR

Revised date

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah, Muscat Barka

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Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

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### 2.1. Substances : CALCIUM HYDROXIDE AR

CAS-No. : 1305-62-0

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 according to Regulation (EC) No. 1272/2008 [CLP]**

Serious eye damage/eye irritation, H318

Category 1

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**

C; Xi; R41

**Adverse physicochemical, human health and environmental effects**

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No additional information available

### 3.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display**  
**Extra classification(s) to display**

**Symbol(s) :** Xi : Irritation.

**R Phrase(s) :**R41: Risk of serious damage to eyes.

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

S24: Avoid contact with skin.

S26: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advise.

S39: Wear eye/face protection.

### **Hazard pictograms**

**Signal word :** Danger

**Hazard statements :** H318 - Causes serious eye damage.

Precautionary statements) : P280 - Wear protective gloves, protective clothing, eye protection, face protection.

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

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

### 3.3. Other hazards

No additional information available

## 4. First Aid Measures

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#### **4.1. Description of first aid measures**

First-aid measures after inhalation : Assure fresh air breathing. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Wash with plenty of water/ . Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Get immediate medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting.

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

Symptoms/effects after eye contact : Causes serious eye damage.

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

Treat symptomatically.

### **5. Fire-fighting Measures**

www.r

#### **5.1. Extinguishing media**

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

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

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

No additional information available

#### **5.3. Advice for firefighters**

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

### **6. Accidental Release Measures**

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

### **6.1.1. For non-emergency personnel**

Emergency procedures : Evacuate unnecessary personnel.

### **6.1.2. For emergency responders**

Protective equipment : Use personal protective equipment as required.

Emergency procedures : Ventilate area.

## **6.2. Environmental precautions**

Avoid release to the environment.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers.

## **6.4. Reference to other sections**

No additional information available

## **7. Handling and Storage**

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### **7.1. Precautions for safe handling**

Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Store in a well-ventilated place. Keep container tightly closed.

### **7.3. Specific end use(s)**

No additional information available

**8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

Hand protection : Protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : [In case of inadequate ventilation] wear respiratory protection.

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

**Odour threshold** : No data available

**pH** : 12.4

**Relative evaporation rate (butylacetate=1)** : No data available

**Melting point** : 580 °C

**Freezing point** : No data available

**Boiling point** : No data available

**Flash point** : No data available

**Auto-ignition temperature** : No data available

**Decomposition temperature** : No data available

**Flammability (solid, gas)** : No data available

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**Vapour pressure** : No data available

**Relative vapour density at 20 °C** : No data available

**Relative density** : No data available

**Density** : 2.24 g/cm<sup>3</sup>

**Solubility** : Water: 0.185 g/100cm<sup>3</sup>

**Log Pow** : No data available

**Viscosity, kinematic** : No data available

**Viscosity, dynamic** : No data available

**Explosive properties** : No data available

**Oxidising properties** : No data available

**Explosive limits** : No data available

## **9.2. Other information**

No additional information available

## **10. Stability and reactivity**

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### **10.1. Reactivity**

No additional information available

### **10.2. Chemical stability**

Stable under normal conditions.

### **10.3. Possibility of hazardous reactions**

No additional information available

### **10.4. Conditions to avoid**

Air contact. Direct sunlight. Moisture.

### **10.5. Incompatible materials**

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No additional information available

## **10.6. Hazardous decomposition products**

No additional information available

## **11. Toxicological information**

[www.rxmarine.com](http://www.rxmarine.com)

### **11.1. Information on toxicological effects**

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified

pH: 12.4

Serious eye damage/irritation : Causes serious eye damage.

pH: 12.4

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## **12. Ecological information**

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### **12.1. Toxicity**

No additional information available

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## **12.2. Persistence and degradability**

No additional information available

## **12.3. Bioaccumulative potential**

No additional information available

## **12.4. Mobility in soil**

No additional information available

## **12.5. Results of PBT and vPvB assessment**

No additional information available

## **12.6. Other adverse effects**

No additional information available

## **13. Disposal considerations**

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### **13.1. Waste treatment methods**

No additional information available

## **14. Transport information**

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In accordance with ADR / RID / IMDG / IATA / ADN

### **14.1. UN number**

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

UN-No. (ADN) : Not applicable

UN-No. (RID) : Not applicable

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## **14.2. UN proper shipping name**

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

## **14.3. Transport hazard class(es)**

**ADR-** Transport hazard class(es) (ADR) : Not applicable

**IMDG-** Transport hazard class(es) (IMDG) : Not applicable

**IATA-** Transport hazard class(es) (IATA) : Not applicable

**ADN-** Transport hazard class(es) (ADN) : Not applicable

**RID-** Transport hazard class(es) (RID) : Not applicable

## **14.4. Packing group**

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

## **14.5. Environmental hazards**

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

## **14.6. Special precautions for user**

**Overland transport-** No data available

**Transport by sea-** No data available

**Air transport-** No data available

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**Inland waterway transport-** No data available

**Rail transport-** No data available

#### **14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

### **15. Regulatory information**

[www.rxmarine.com](http://www.rxmarine.com)

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

##### **15.1.1. EU-Regulations**

No REACH Annex XVII restrictions

CALCIUM HYDROXIDE AR is not on the REACH Candidate List

CALCIUM HYDROXIDE AR is not on the REACH Annex XIV List

##### **15.1.2. National regulations**

###### **Germany**

Reference to AwSV : Water hazard class (WGK) 1, low hazard to water (Classification according to AwSV; ID No. 320)

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

###### **Netherlands**

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen ☐ Borstvoeding : The substance is not listed

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NIET-limitatieve lijst van voor de

voortplanting giftige stoffen 

Vruchtbaarheid : The substance is not listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen  Ontwikkeling : The substance is not listed

## **Denmark**

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

### **15.2. Chemical safety assessment**

No additional information available

## **16. Other information**

[www.rxmarine.com](http://www.rxmarine.com)

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

**Further information** : None.

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