

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-60-6605-274  
Product Type POTASSIUM BROMIDE LR  
Revised date

### Company Details:

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

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## 2. Composition / Information on ingredients

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### 2.1. Substance : POTASSIUM BROMIDE LR

Substance. Contains no other components or impurities

which will influence the classification of the product.

### 2.2. Mixture Not applicable

## 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

H319 irritation, Category 2 Skin corrosion/irritation,

H315 Category 2 Specific target organ toxicity  $\square$  Single exposure, Category 3,

Respiratory tract irritation

H335 Full text of classification categories and H

statements : see section 16 Classification according to Directive 67/548/EEC or 1999/45/EC

Symbol(s) : Xi : Irritation.

Adverse physicochemical, human health and environmental effects

No additional information available

### 3.2. Label elements

Extra labelling to display/Extra classification(s) to display

Hazard pictograms

Signal word : Warning

Hazard statements: H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

Precautionary statements : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

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 : Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse.

If skin irritation occurs: Get medical advice/attention.

Specific treatment (see ... on this label). First-aid measures after eye contact : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth out with water. If you feel unwell, seek medical advice.

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

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye irritation.

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

Treat symptomatically.

## 5. Fire-fighting Measures

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### 5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

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 attempt to take action without suitable protective equipment.

## 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 : Stop release.

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Clear up rapidly by scoop or vacuum.

### 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 breathing dust/fume/gas/mist/vapours/spray.

Use only outdoors or in a wellventilated area. Hygiene measures : Wash ... thoroughly after handling.

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

Storage conditions : Keep container tightly closed. Store in original container. Store in a dry place. Protect from moisture.

### 7.3. Specific end use(s)

No additional information available

## 8. Exposure controls and personal protection

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### 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 : Wear respiratory protection

## 9. Physical and chemical properties

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

Odour threshold : No data available

pH : 5 - 6 at 119 g/l at 25 °C

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

Melting point : 734 °C

Freezing point : No data available

Boiling point : 1435 °C

Flash point : No data available

Auto-ignition temperature : No data available

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Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure :

Relative vapour density at 20 °C : No data available

Relative density : No data available

Density : 2.75 g/cm<sup>3</sup>

Solubility : Water: 119 g/l at 20 °C - completely soluble

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

Direct sunlight. Air contact. Moisture.

## 10.5. Incompatible materials

No additional information available

## 10.6. Hazardous decomposition products

No additional information available

## 11. Toxicological information

www.rxmarine.com

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Skin corrosion/irritation : Causes

skin irritation. pH: 5 - 6 at 119 g/l at 25 °C

Serious eye damage/irritation : Causes serious

eye irritation. pH: 5 - 6 at 119 g/l at 25 °C

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity

(single exposure) : May cause respiratory irritation.

Specific target organ toxicity

(repeated exposure) : Not classified

Aspiration hazard : Not classified

## 12. Ecological information

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### 12.1. Toxicity

No additional information available

### 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

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## 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 In accordance with

## 14. Transport information

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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

### 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

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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 -

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

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions POTASSIUM BROMIDE is not on the REACH Candidate List

POTASSIUM BROMIDE is not on the REACH Annex XIV List

15.1.2. National regulations

Germany

12th Ordinance Implementing the Federal

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

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

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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 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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