

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-60-6605-304  
Product Type POTASSIUM IODATE  
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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Substance / Preparation : POTASSIUM IODATE

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; R36-41

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

Not classified.

### 3.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s) : O : Oxidizing Xi : Irritant

R Phrase(s) : R8: Contact with combustible material may cause fire.

R36 : Irritating to eyes. R37 : Irritating to respiratory system.

R38 : Irritating to skin. R41 : Risk of serious damage to eyes.

S Phrase(s) : S17 : Keep away from combustible material.

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

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S39 : Wear eye/face protection.

Labelling Regulation EC 1272/2008 (CLP)

Not classified.

Hazard pictograms

☒ Prevention : P261: Avoid breathing dust, fume, gas, mist, vapours, spray.

P220: Keep away from clothing - combustible materials.

☒ Response : P305+P351+P338+P310+P321: IF IN EYES : Rinse cautiously with water for several minutes.

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

Immediately call a POISON CENTER or doctor. Specific treatment.

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 : Rinse immediately with plenty of water.

Obtain medical attention if pain, blinking or redness persist.

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 : Not expected to present a significant hazard under anticipated conditions of normal use.

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

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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. Accidental Release Measures

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#### 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

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#### 7.1. Precautions for safe handling

Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

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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)

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 threshold : No data available.

pH value : Not applicable.

Melting point [°C] : 560 °C

Decomposition point [°C] : N/A

Critical temperature [°C] : N/A

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Auto-ignition temperature [°C] : N/A

Flammability (solid, gas) : N/A

Flash point [°C] : N/A

Boiling point [°C] : N/A

Initial boiling point [°C] : N/A

Final boiling point [°C] : N/A

Evaporation rate : N/A

Vapour pressure [20°C] : N/A

Vapour pressure mm/Hg : N/A

Vapour density : N/A

Density [g/cm<sup>3</sup>] : 3,93

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

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

Solubility in water [% weight] : 32 g in 100cc @1000C

Solubility in water : N/A

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

Solubility : N/A

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.

### 10.2. Chemical stability

Chemical stability : Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

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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

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

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

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.

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.

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## 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)

Proper shipping name : OXIDIZING SOLID, N.O.S.

UN N° : 1479

H.I. nr : 50

ADR - Class : 5.1

Labelling - Transport : 5.1 : Oxidizing substances.

ADR - Classification code : O2

ADR - Group : II

ADR - Packing instructions : P002

ADR - Limited Quantity : 1 KG

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ADR - Tunnel code : E : Passage forbidden through tunnels of category E.

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

Proper shipping name : OXIDIZING SOLID, N.O.S.

UN N° : 1479

IMO-IMDG - Class or division : 5.1 : Oxidizing substances.

IMO-IMDG - Packing group : II

IMO- IMDG - Packing instructions : P002

IMO-IMDG - Limited quantities : 1 kg

IMO-IMDG - Marine pollution : No EMS-Nr : F-A S-Q

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

Proper shipping name : OXIDIZING SOLID, N.O.S.

UN N° : 1479

IATA - Class or division : 5.1 : Oxidizing substances.

IATA - Packing group : II

IATA - Passenger and Cargo Aircraft : ALLOWED -

Passenger and Cargo - Packing : 558

instruction - Passenger and Cargo - Maximum : 5 kg

Quantity/Packing

IATA - Cargo only : ALLOWED -

Cargo only - Packing instruction : 562 -

Cargo only - Maximum Quantity/ : 25 kg

Packing IATA - Limited Quantities : 2.5 kg

ERG-Nr : 5L

## 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



## 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 DISCLAIMER OF LIABILITY The information in this SDS

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