1. Product and Company Identifaction

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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

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

Phone +91 22 27815541 / 42

Fax +91 22 2781 1318 :::AOH :0091 9821214367

Email <u>mail@rxmarine.com</u>

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.

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

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.

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.

2 Eye protection : Chemical goggles or safety glasses.

2 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

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/cm3]: 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 [mm2/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

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

[2] 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.

 $STOT\mbox{-}single\ exposure: Based\ on\ available\ data,\ the\ classification\ criteria\ are\ not\ met.$

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.

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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I14.1. Land transport (ADR-RID)

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

UN N°: 1479

H.I. nr : 50

ADR - Class: 5.1

 $Labelling\ \hbox{-}\ Transport: 5.1: Oxidizing\ substances.$

ADR - Classification code: O2

ADR - Group: II

ADR - Packing instructions: P002

ADR - Limited Quantity: 1 KG

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 Quantites: 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) Nº 1907/2006 and with CLP Regulation (CE) Nº 1272/2008 DISCLAIMER OF LIABILITY The information in this SDS

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