1. Product and Company Identifaction

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Product Name RXSOL-60-6605-155
Product Type OXALIC ACID PURIFIED

Revised date

Company Details:

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

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

2. Composition / Information on ingredients

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Substance / Preparation: OXALIC ACID PURIFIED 99%

CAS No:6153-56-6

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: Xn; R21/22

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

Health hazards: Acute toxicity, dermal - Category 4 - Warning (CLP: Acute Tox. 4) H312

Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302

3.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s) : Xn : Harmful

R Phrase(s): R21/22: Harmful in contact with skin and if swallowed.

S Phrase(s): S24/25: Avoid contact with skin and eyes.

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms

Signal words: Warning

Hazard statements: H302: Harmful if swallowed.

H312: Harmful in contact with skin. Precautionary statements

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

protection. P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

Response: P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

P363: Wash contaminated clothing before reuse.

Disposal considerations: P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or

international regulation.

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. Immediately call a POISON CENTER or

doctor. Specific treatment (see on this label). Wash contaminated clothing before reuse.

Wash with plenty of soap and water.

Eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain,

blinking or redness persist.

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

Call a POISON CENTER or doctor if you feel unwell.

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

Symptoms relating to use: Repeated exposure to this material can result in absorption

through skin causing significant health hazard. Swallowing a small quantity of this

material will result in serious health hazard.

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: Do not eat, drink or smoke when using this product. 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)

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

9.1. 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]: 189.5 °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]: 157 deg C

Boiling point [°C]: 157 °C

Initial boiling point [°C]: N/A

Final boiling point [°C]: N/A

Evaporation rate: N/A

Vapour pressure [20°C]: Vapour pressure mm/Hg: N/A

Vapour density: 4,4

Density [g/cm3]: 1,9

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

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

Solubility in water [% weight] : 1g/7ml of water

Solubility in water: N/A

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

. Solubility: 1.3

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: LD50-oral-rat-375 mg/kg

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

2 Dermal: Harmful in contact with skin.

[] Ingestion : Harmful if swallowed.

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.

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. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

14. Transport information

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14.1. Land transport (ADR-RID)

Proper shipping name: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.

UN N°: 3261

H.I. nr: 80

ADR - Class: 8

Labelling - Transport : 8 : Corrosive substance.

ADR - Classification code: C4

ADR - Group : III

ADR - Packing instructions: P002 R001 LP002

ADR - Limited Quantity: 5 KG

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

14.2. Sea transport (IMDG) [English only]

Proper shipping name: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.

UN N°: 3261

IMO-IMDG - Class or division: 8: Corrosive substance.

IMO-IMDG - Packing group: III

IMO- IMDG - Packing instructions: P002 LP02

IMO-IMDG - Limited quantities: 5 kg

IMO-IMDG - Marine pollution : No

EMS-Nr: F-A S-B

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

Proper shipping name: CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.

UN N°: 3261

IATA - Class or division: 8: Corrosive substance.

IATA - Packing group : III

IATA - Passenger and Cargo Aircraft: ALLOWED

- Passenger and Cargo - Packing: 860

instruction - Passenger and Cargo - Maximum: 25 kg

Quantity/Packing IATA - Cargo only : ALLOWED

- Cargo only - Packing instruction: 864

- Cargo only - Maximum Quantity/ : 100 kg

Packing IATA - Limited Quantites: 5 kg

ERG-Nr: 8L

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: With the exception of those listed below:

The components of this product are not subject to restrictions.

Annex XVII 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 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

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