

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-60-6605-357  
Product Type PYROCATECHOL LR  
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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## 2. Composition / Information on ingredients

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Substance / Preparation : 1,2-dihydroxybenzene

CAS No :120-80-9

Substance.

Substance name Contents CAS No

1,2-dihydroxybenzene : 100% 120-80-9

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

Xi; R36/38

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

Health hazards : Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319

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

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

Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315

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### 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.

R36/38 : Irritating to eyes and skin.

S Phrase(s) : S2 : Keep out of the reach of children.

S22 : Do not breathe dust.

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

S37 : Wear suitable gloves.

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms

Signal words : Warning

Hazard statements : H302 : Harmful if swallowed.

H312 : Harmful in contact with skin.

H319 : Causes serious eye irritation.

H315 : Causes skin irritation.

Precautionary statements

☒ General : P102: Keep out of reach of children.

P103: Read label before use.

P101: If medical advice is needed, have product container or label at hand.

☒ 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.

P332+P313: If skin irritation occurs : Get medical advice.

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

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

P363: Wash contaminated clothing before reuse.

☒ Disposal considerations : P501: Dispose of this material and its container to hazardous

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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 : Wash contaminated clothing before reuse. Wash with plenty of soap and water. Specific treatment (see on this label). Immediately call a POISON CENTER or doctor. Get medical advice. If skin irritation occurs :

Eye contact : Get medical advice. If eye irritation persists : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

Ingestion : Obtain emergency medical attention. Do NOT induce vomiting. Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

### 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. Causes serious eye irritation. Causes skin irritation.

### 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.

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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 thoroughly after handling. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

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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.

Skin protection : Wear suitable protective clothing.

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] : 100 - 103 °C

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Decomposition point [°C] : N/A

Critical temperature [°C] : N/A

Auto-ignition temperature [°C] : N/A

Flammability (solid, gas) : N/A

Flash point [°C] : 127 °C

Boiling point [°C] : 245 °C

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 : 3,79

Density [g/cm<sup>3</sup>] : 1,344

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

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

Solubility in water [% weight] : Soluble in cold water

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 [%] : 1,97%

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.

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### 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

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

☒ Dermal : Harmful in contact with skin.

☒ Ingestion : Harmful if swallowed.

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

Irritation : Causes serious eye irritation. Causes skin irritation.

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

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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)

UN N° : 2811

H.I. nr : 60

ADR - Class : 6.1

Labelling - Transport : 6.1 : Toxic substances.

ADR - Classification code : T2

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ADR - Group : III

14.2. Sea transport (IMDG) [English only]

UN N° : 2811

IMO-IMDG - Class or division : 6.1 : Toxic substances.

IMO-IMDG - Packing group : III

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

UN N° : 2811

IATA - Class or division : 6.1 : Toxic substances.

IATA - Packing group : III

## 15. Regulatory information

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

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

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

Further information : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation

(CE) N° 1272/2008

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