

## 1. Product and Company Identification

www.rxmarine.com

Product Name **RXSOL-60-6604-216**  
Product Type CAFFEIC ACID (3,4-Dihydroxycinnamic acid)  
Revised date 27-04-2019

### 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 [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

Component CAS-No Weight %

2-Propenoic acid, 3-(4-hydroxyphenyl)-, (2E)- 501-98-4 98

## 3. Hazards Identification

www.rxmarine.com

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin Corrosion/Irritation Category 2

Serious Eye Damage/Eye Irritation Category 2

Specific target organ toxicity (single exposure) Category 3

Target Organs - Respiratory system

### Label Elements

---

Signal Word

Warning

Hazard Statements

Causes skin irritation

Causes serious eye irritation

May cause respiratory irritation

p-Hydroxycinnamic acid, predominantly trans.

Precautionary Statements

Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Inhalation

IF INHALED: 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

Skin

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

Eyes

IF IN EYES: 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

Storage

Store in a well-ventilated place. Keep container tightly closed

Store locked up

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None identified

#### 4. First Aid Measures

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

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention

**Skin Contact** Wash off immediately with soap and plenty of water while removing all clothes and shoes. Get medical attention.

**Inhalation** Remove from exposure, lie down. Remove to fresh air. If not breathing, give artificial respiration. Get medical attention. **Ingestion** Clean mouth with water. Get medical attention.

**Most important symptoms and effects** No information available.

**Notes to Physician** Treat symptomatically

#### 5. Fire-fighting Measures

[www.r](http://www.r)

**Suitable Extinguishing Media** Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Chemical foam. **Unsuitable Extinguishing Media** No information available

**Flash Point** No information available

**Method -** No information available

---

Autoignition Temperature No information available

Explosion Limits Upper No data available

Lower No data available

Sensitivity to Mechanical Impact No information available

Sensitivity to Static Discharge No information available

Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full

protective gear..

NFPA

HEALTH FLAMMABILITY INSTABILITY PHYSICAL HAZARDS

2 1 6 N/A

## **6. Accidental Release Measures**

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

Personal Precautions Ensure adequate ventilation. Use personal protective equipment as required .

Environmental Precautions See Section 12 for additional Ecological Information.

Methods for Containment and Clean Up Sweep up and shovel into suitable containers for disposal. Do not let this chemical enter the environme

### Handling

Avoid contact with skin and eyes. Do not breathe dust. Do not ingest. If swallowed then seek immediate medical assistance.

### Storage

Keep in a dry, cool and well-ventilated place. Refer product specification and/or product label for specific storage temperature requirement. Keep container tightly closed

## 8. Exposure controls and personal protection

### Exposure Guidelines

This product does not contain any hazardous materials with occupation exposure limits established by the region specific regulatory bodies.

### Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location

### Personal Protective Equipment

#### Eye/face Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

#### Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure

#### Respiratory Protection

No protective equipment is needed under normal use conditions.

#### Hygiene Measures

Physical State Powder Solid

Appearance Beige

Odor Odorless

Odor Threshold no information available

pH No information available

Melting Point/Range 214 °C / 417.2 °F Boiling

Point/Range No information available

Flash Point No information available

Evaporation Rate Not applicable

Flammability (solid,gas) No information available

Flammability or explosive limits Upper No data available

Lower No data available

Vapor Press No information available

Vapor Density Not applicable

Specific Gravit No information available

Solubilly No information available

Partition coefficient; n-octanol/wate No data available

Autoignition Temperature No information available

Decomposition Temperature No information available

Viscosity Not applicable

Molecular Formula C9 H8 O3

Molecular Weight 164.16

---

## 10. Stability and reactivity

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

### Reactive Hazard

None known, based on information available

### Stability

Stable under normal conditions.

### Conditions to Avoid

Incompatible products.

### Incompatible Materials

Strong oxidizing agents

### Hazardous Decomposition

Products Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

### Hazardous Polymerization

No information available.

### Hazardous Reactions

None under normal processing

## 11. Toxicological information

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

### Acute Toxicity

Product Information No acute toxicity information is available for this product

Component Information Toxicologically Synergistic Products No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation No information available

The table below indicates whether each agency has listed any ingredient as a carcinogen.

## 12. Ecological information

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

### 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

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

### 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.

Special precautions : Handle empty containers with care because residual vapours are flammable.

## 14. Transport information

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

### 14.1. Land transport (ADR-RID)

---

Proper shipping name : ACETIC ACID

UN N° : 2789

H.I. nr : 83

ADR - Class : 8

Labelling - Transport : 8 : Corrosive substance. 3 : Flammable liquid.

ADR - Classification code : CF1

CF1

ADR - Group : II

ADR - Packing instructions : P001

ADR - Limited Quantity : 1 L

ADR - Tunnel code : D/E : Bulk or tank carriage: Passage forbidden through tunnels of category D and

E. Other carriage: Passage forbidden through tunnels of category E.

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

Proper shipping name : ACETIC ACID,

UN N° : 2789

IMO-IMDG - Class or division : 8 : Corrosive substance. ( 3 : Flammable liquid. )

IMO-IMDG - Packing group : II

IMO- IMDG - Packing instructions : P001

IMO-IMDG - Limited quantities : 1 L

IMO-IMDG - Marine pollution : No

EMS-Nr : F-E S-C

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

Proper shipping name : ACETIC ACID

UN N° : 2789

IATA - Class or division : 8 : Corrosive substance. ( 3 : Flammable liquid. )

IATA - Packing group : II

IATA - Passenger and Cargo Aircraft : ALLOWED

- Passenger and Cargo - Packing : 851

instruction

- Passenger and Cargo - Maximum : 1 L

Quantity/Packing

IATA - Cargo only : ALLOWED

---

- Cargo only - Packing instruction : 855

- Cargo only - Maximum Quantity/ : 30 L

Packing

IATA - Limited Quantities : 0.5 L

ERG-Nr : 8F

ADR - Packing instructions : P001

ADR - Limited Quantity : 1 L

ADR - Tunnel code : D/E : Bulk or tank carriage: Passage forbidden through tunnels of category D and

E. Other carriage: Passage forbidden through tunnels of category E.

14.2. Sea transport (IMDG) [English only]

Proper shipping name : ACETIC ACID,

UN N° : 2789

IMO-IMDG - Class or division : 8 : Corrosive substance. ( 3 : Flammable liquid. )

IMO-IMDG - Packing group : II

IMO- IMDG - Packing instructions : P001

IMO-IMDG - Limited quantities : 1 L

IMO-IMDG - Marine pollution : No

EMS-Nr : F-E S-C

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

Proper shipping name : ACETIC ACID

UN N° : 2789

IATA - Class or division : 8 : Corrosive substance. ( 3 : Flammable liquid. )

IATA - Packing group : II

IATA - Passenger and Cargo Aircraft : ALLOWED

- Passenger and Cargo - Packing : 851

instruction

- Passenger and Cargo - Maximum : 1 L

Quantity/Packing

IATA - Cargo only : ALLOWED

- Cargo only - Packing instruction : 855

- Cargo only - Maximum Quantity/ : 30 L

Packing

---

## 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

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

**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

**DISCLAIMER OF LIABILITY** :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.