

## 1. Product and Company Identification

www.rxmarine.com

Product Name **RXSOL-60-6511-001**  
Product Type ACETOPHENONE AR  
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

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

## 2. Composition / Information on ingredients

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Substance: ACETOPHENONE AR

CAS No: 98-86-2

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 according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), H302

Category 4

Serious eye damage/eye H319

irritation, Category 2

Full text of classification categories and H statements : see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Xn; R22

Xi; R36

Adverse physicochemical, human health and environmental effects

No additional information available

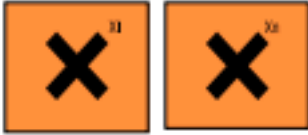
### 3.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to

displayExtra classification(s) to display

Symbol(s) : Xi : Irritation

Xn: Harmful



R Phrase(s) : R22 : Harmful if swallowed.

R36 : Irritating to eyes.

S Phrase(s) : S26: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advise.



Signal word : Warning

Hazard statements : H302 - Harmful if swallowed

H319 - Causes serious eye irritation

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

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

### 3.3. Other hazards

No additional information available

## 4. First Aid Measures

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### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Give oxygen or

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artificial respiration if necessary. If you feel unwell, seek medical advice.

First-aid measures after skin contact : Take off contaminated clothing. Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth out with water. If you feel unwell, seek medical advice.

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

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : Harmful if swallowed.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## **5. Fire-fighting Measures**

www.r

### **5.1. Extinguishing media**

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media : Do not use a heavy water stream.

### **5.2. Special hazards arising from the substance or mixture**

No additional information available

### **5.3. Advice for firefighters**

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## **6. Accidental Release Measures**

www.rxmarine.com

### **6.1. Personal precautions, protective equipment and emergency procedures**

#### **6.1.1. For non-emergency personnel**

Emergency procedures : Evacuate unnecessary personnel.

#### **6.1.2. For emergency responders**

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Protective equipment : Use personal protective equipment as required.

Emergency procedures : Stop release.

### **6.2. Environmental precautions**

Avoid release to the environment.

### **6.3. Methods and material for containment and cleaning up**

Methods for cleaning up : Collect spillage. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

### **6.4. Reference to other sections**

No additional information available

## **7. Handling and Storage**

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

### **7.1. Precautions for safe handling**

Precautions for safe handling : Avoid contact with skin and eyes.

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

### **7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions : Keep container tightly closed. Store in a dry place.

### **7.3. Specific end use(s)**

No additional information available

## **8. Exposure controls and personal protection**

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

### **8.1. Control parameters**

No additional information available

### **8.2. Exposure controls**

Hand protection : protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear appropriate mask

## **9. Physical and chemical properties**

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

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### 9.1. Information on basic physical and chemical properties

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : 19 - 20

Freezing point : No data available

Boiling point : 202 °C

Flash point : 76 °C

Auto-ignition temperature : 5710 °C

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : 1 hPa at 20 °C

Relative vapour density at 20 °C : 4.1

Relative density : No data available

Density : 1.03 g/cm<sup>3</sup>

Solubility : Water: Slightly soluble in water

Log Pow : 1.6

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : 0.014 - 0.052 vol %

### 9.2. Other information

No additional information available

## 10. Stability and reactivity

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

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

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No additional information available

#### **10.4. Conditions to avoid**

Direct sunlight. Overheating. Open flame. Heat. Sparks.

#### **10.5. Incompatible materials**

No additional information available

#### **10.6. Hazardous decomposition products**

No additional information available

## **11. Toxicological information**

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

### **11.1. Information on toxicological effects**

Acute toxicity : Oral: Harmful if swallowed.

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and symptoms : Harmful if swallowed

## **12. Ecological information**

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

### **12.1. Toxicity**

No additional information available

### **12.2. Persistence and degradability**

No additional information available

### **12.3. Bioaccumulative potential**

Log Pow 1.6

### **12.4. Mobility in soil**

No additional information available

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## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Other adverse effects

No additional information available

## 13. Disposal considerations

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### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to ..

## 14. Transport information

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In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No. (ADR) : 3334

UN-No. (IMDG) : 3334

UN-No.(IATA) : 3334

UN-No.(ADN) : 3334

UN-No. (RID) : 3334

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : aviation regulated liquid, n.o.s.

Proper Shipping Name (IMDG) : AVIATION REGULATED LIQUID, N.O.S.

Proper Shipping Name (IATA) : AVIATION REGULATED LIQUID, N.O.S.

Proper Shipping Name (ADN) : Aviation regulated liquid, n.o.s.

Proper Shipping Name (RID) : Aviation regulated liquid, n.o.s.

Transport document description (ADR) : UN 3334 aviation regulated liquid, n.o.s., 9

Transport document description (IMDG) : UN 3334 AVIATION REGULATED LIQUID, N.O.S., 9

Transport document description (IATA) : UN 3334 AVIATION REGULATED LIQUID, N.O.S., 9, III

Transport document description (ADN) : UN 3334 Aviation regulated liquid, n.o.s., 9

Transport document description (RID) : UN 3334 Aviation regulated liquid, n.o.s., 9

### 14.3. Transport hazard class(es)

ADR : Transport hazard class(es) (ADR) : 9

IMDG : Transport hazard class(es) (IMDG) : 9

Danger labels (IMDG) : 9

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IATA: Transport hazard class(es) (IATA) : 9

Hazard labels (IATA) : 9

ADN: Transport hazard class(es) (ADN) : 9

RID: Transport hazard class(es) (RID) : 9

#### **14.4. Packing group**

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : III

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

#### **14.5. Environmental hazards**

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

#### **14.6. Special precautions for user**

Overland transport

Transport regulations (ADR) : Not subject

Classification code (ADR) : M11

EAC code : 2Z

Transport by sea

Special provision (IMDG) : 960

Stowage category (IMDG) : None

Air transport

PCA Excepted quantities (IATA) : E1

PCA Limited quantities (IATA) : Y964

PCA limited quantity max net quantity (IATA) : 30kgG

PCA packing instructions (IATA) : 964

PCA max net quantity (IATA) : 100L

CAO packing instructions (IATA) : 964

CAO max net quantity (IATA) : 220L

Special provision (IATA) : A27

ERG code (IATA) : 9A

Inland waterway transport

Classification code (ADN) : M11

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Rail transport

Classification code (RID) : M11

Limited quantities (RID) : 0

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

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

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## 15. Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Acetophenone AR is not on the REACH Candidate List

Acetophenone AR is not on the REACH Annex XIV List

### 15.1.2. National regulations

Germany

AwSV/VwVwS Annex reference : Water hazard class (WGK) 1, slightly hazardous to water (Classification according to

VwVwS, Annex 2; WGK No 735)

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV

: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Denmark

Class for fire hazard : Class III-1

Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice;

Emergency management

guidelines for the storage of flammable liquids must be followed

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

### 15.2. Chemical safety assessment

No additional information available.

**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

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