

## 1. Product and Company Identification

www.rxmarine.com

Product Name

RXSOL-60-6604-694

Product Type

HYDROGEN PEROXIDE 30% W/V SOLUTION AR

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

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

## 2. Composition / Information on ingredients

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Substance / Preparation : Preparation.

Hazardous component(s) : This product is hazardous.

Substance name Contents CAS No

Hydrogen peroxide : > 25

Water : > 50

Acetanilide : > 0.01

## 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; R22

Xi; R41

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

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

H302

Serious eye damage - Category 1 - Danger (CLP : Eye Dam. 1) H318

3.2. Label elements

Labelling EC 67/548 or EC 1999/45

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Symbol(s) : Xn : Harmful

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

R41 : Risk of serious damage to eyes.

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

S35 : This material and its container must be disposed of in a safe way.

S39 : Wear eye/face protection.

S51 : Use only in well-ventilated areas.

S59 : Refer to manufacturer/supplier for information on recovery/recycling.

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms

Signal words : Danger

Hazard statements : H318 : Causes serious eye damage.

H302 : Harmful if swallowed.

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

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

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

☒ 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.

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#### 4.1. Description of first aid measures

Inhalation : Assure fresh air breathing. Allow the victim to rest. Immediately call a POISON CENTER or doctor. Remove to fresh air and keep at rest in a position comfortable for breathing.

Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Immediately call a POISON CENTER or doctor.

Eye contact : Immediately call a POISON CENTER or doctor. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

Ingestion : Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

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

Symptoms relating to use : Swallowing a small quantity of this material will result in serious health hazard. Causes severe skin burns and eye damage. Causes serious eye damage.

#### 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

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

#### 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.

Thermal decomposition generates : Corrosive vapours.

#### 5.3. Advice for fire-fighters

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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 : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. 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 breathe dust, fume, gas, mist, vapours, spray. Avoid contact during pregnancy or while nursing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

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

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container closed when not in use.

Storage regulation : Comply with applicable regulations.

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

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 face shield.

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 : Liquid.

Odour threshold : No data available.

pH value : No data available.

Melting point [°C] : No data available.

Decomposition point [°C] : N/A

Critical temperature [°C] : No data available.

Auto-ignition temperature [°C] : No data available.

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Flammability (solid, gas) : N/A

Flash point [°C] : No data available.

Boiling point [°C] : N/A

Initial boiling point [°C] : No data available.

Final boiling point [°C] : No data available.

Evaporation rate : N/A

Vapour pressure [20°C] : No data available.

Vapour pressure mm/Hg : 25 mm Hg @ 300C

Vapour density : 1,17

Density [g/cm<sup>3</sup>] : 1,11

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

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

Solubility in water [% weight] : Infinitely soluble

Solubility in water : No data available.

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

Solubility : 6 - 8 at 25 °C

Viscosity at 40°C [mm<sup>2</sup>/s] : No data available.

## 9.2. Other information

Explosive properties : N/A

Explosion limits - upper [%] : No data available.

Explosion limits - lower [%] : No data available.

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

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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.

Thermal decomposition generates : Corrosive vapours.

## 11. Toxicological information

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

### 11.1. Information on toxicological effects

Toxicity information : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

#### Acute toxicity

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

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

Ingestion : Harmful if swallowed.

Corrosion : Causes severe skin burns and eye damage. Causes serious eye damage.

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

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

### 12.1. Toxicity

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Toxicity information : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

#### 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.

## 14. Transport information

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

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

Proper shipping name : HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necess

UN N° : 2014

H.I. nr : 58

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ADR - Class : 5.1

Labelling - Transport : 5.1 : Oxidizing substances. 8 : Corrosive substance.

ADR - Classification code : OC1

OC1

OC1

ADR - Group : II

ADR - Packing instructions : P504

ADR - Limited Quantity : 1 L

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

14.2. Sea transport (IMDG) [English only]

Proper shipping name : HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necess

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IMO-IMDG - Class or division : 5.1 : Oxidizing substances. ( 8 : Corrosive substance. )

IMO-IMDG - Packing group : II

IMO- IMDG - Packing instructions : P504

IMO-IMDG - Limited quantities : 1 L

IMO-IMDG - Marine pollution : No

EMS-Nr : F-H S-Q

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

Proper shipping name : HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necess

UN N° : 2014

IATA - Class or division : 5.1 : Oxidizing substances. ( 8 : Corrosive substance. )

IATA - Packing group : II

IATA - Passenger and Cargo Aircraft : ALLOWED

- Passenger and Cargo - Packing : 550

instruction

- Passenger and Cargo - Maximum : 1 L

Quantity/Packing

IATA - Cargo only : ALLOWED

- Cargo only - Packing instruction : 554

- Cargo only - Maximum Quantity/ : 5 L

Packing IATA - Limited Quantites : 0.5 L

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## 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

Further information : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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