

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-60-6604-670

Product Type HEPES (BUFFER)

Revised date

Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / Information on ingredients

www.rxmarine.com

Substance : Hepes (Buffer)

Substance.

Contains no other components or impurities which will influence the classification of the product.

## 3. Hazards Identification

www.rxmarine.com

3.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

3.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

3.3 Other hazards ☐ none

## 4. First Aid Measures

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4.1 Description of first aid measures

☐ If inhaled

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If breathed in, move person into fresh air. If not breathing, give artificial respiration.

☒ In case of skin contact

Wash off with soap and plenty of water.

☒ In case of eye contact

Flush eyes with water as a precaution.

☒ If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

## 5. Fire-fighting Measures

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

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NO<sub>x</sub>), Sulphur oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

## 6. Accidental Release Measures

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

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

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### 6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see section 13.

## 7. Handling and Storage

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### 7.1 Precautions for safe handling

For precautions see section 2.2.

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

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

Light sensitive. Storage class (TRGS 510): Non Combustible Liquids

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. Exposure controls and personal protection

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### 8.1 Control parameters

### 8.2 Exposure controls

☒ Appropriate engineering controls

General industrial hygiene practice.

☒ Personal protective equipment

☒ Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

☒ Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good

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laboratory practices. Wash and dry hands.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industria situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

#### Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Control of environmental exposure

Do not let product enter drains.

## 9. Physical and chemical properties

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

### 9.1 Information on basic physical and chemical properties

Odour Threshold : No data available

pH :5.0 - 6.0

Melting point/freezing point : No data available

Initial boiling point and boiling range: No data available

Flash point: No data available

Evaporation rate: No data available

Flammability (solid, gas) :No data available

Upper/lower flammability or explosive limits : No data available

Vapour pressure : No data available

Vapour density : No data available

Relative density: 1.070 g/cm<sup>3</sup>

Water solubility No data available

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Partition coefficient: noctanol/ water : No data available

Auto-ignition temperature: No data available

Decomposition temperature : No data available

Viscosity : No data available

Explosive properties: No data available

Oxidizing properties :No data available

## 9.2 Other safety information

No data available

## 10. Stability and reactivity

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### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides,

Nitrogen oxides (NO<sub>x</sub>), Sulphur oxides Other decomposition products - No data available

In the event of fire: see section 5

## 11. Toxicological information

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### 11.1 Information on toxicological effects

☒ Acute toxicity

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No data available

☒ Skin corrosion/irritation

No data available

☒ Serious eye damage/eye irritation

No data available

☒ Respiratory or skin sensitisation

No data available

☒ Germ cell mutagenicity

No data available

☒ Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

☒ Reproductive toxicity

No data available

☒ Specific target organ toxicity - single exposure

No data available

☒ Specific target organ toxicity - repeated exposure

No data available

☒ Aspiration hazard

No data available

☒ Additional Information

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. Ecological information

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

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

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#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

#### 12.6 Other adverse effects No data available

### 13. Disposal considerations

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

#### 13.1 Waste treatment methods

Product Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

### 14. Transport information

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

#### 14.1 UN number

ADR/RID: - IMDG: - IATA: -

#### 14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

#### 14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

#### 14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

#### 14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

#### 14.6 Special precautions for user

No data available

## 15. Regulatory information

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

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not 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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