

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-60-6604-480  
Product Type DIOCTYL PHTHALATE LR (Bis (2-Ethylhexyl) Phthalate)  
Revised date

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
VASHI ,NEW BOMBAY 400703 INDIA

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## 2. Composition / Information on ingredients

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### 2.1. Substances : DIOCTYL PHTHALATE

CAS-No. : 117-81-1

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]

Reproductive toxicity, H360FD

Category 1A

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

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) : T : Very toxic

R Phrase(s) : R60: May impair fertility.

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R61: May cause harm to unborn child.

SPhrase(s) : S53: Avoid exposure ☒ obtain special instruction before use.

S45: In case of accident or if you feel unwell,

seek medical advice immediately (show the label where possible).

Hazard pictograms

Signal word : Danger

Hazard statements : H360FD - May damage fertility.

May damage the unborn child.

Precautionary statements : P201 - Obtain special instructions before use.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

3.3. Other hazards

No additional information available

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## 4. First Aid Measures

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### 4.1. Description of first aid measures

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact : Wash with plenty of water/ .

Remove affected clothing and wash all exposed skin area with mild soap and water,  
followed by warm water rinse. Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes.

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

Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting.

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

Symptoms/effects : May damage fertility. May damage the unborn child.

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

Treat symptomatically.

## 5. Fire-fighting Measures

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### 5.1. Extinguishing media Suitable

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extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray.

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 enter fire area without proper protective equipment, including respiratory protection.

## 6. Accidental Release Measures

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### 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

Protective equipment : Use personal protective equipment as required.

### 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.

### 6.4. Reference to other sections

No additional information available

## 7. Handling and Storage

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### 7.1. Precautions for safe handling

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

Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

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

## 7.3. Specific end use(s)

No additional information available

# 8. Exposure controls and personal protection

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## 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 : [In case of inadequate ventilation] wear respiratory protection.

# 9. Physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

Odour : No data available

Odour threshold : No data available

pH : No data available

Relative evaporation rate

(butylacetate=1) : No data available

Melting point : -50 °C

Freezing point : No data available

Boiling point : 384 °C

Flash point : 207 °C

Auto-ignition temperature : 390 °C

Decomposition temperature : No data available

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Flammability (solid, gas) : No data available

Vapour pressure : 1.6 mm Hg at 93 °C

Relative vapour density at 20 °C : No data available

Relative density : No data available

Density : 0.985 g/cm<sup>3</sup> at 25 °C

Solubility : No data available

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : ? 0.003 vol %

#### 9.2. Other information

No additional information available

## 10. Stability and reactivity

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#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

Direct sunlight. High temperature. Overheating. Open flame.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

No additional information available

## 11. Toxicological information

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### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : May damage fertility.

May damage the unborn child.

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## 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

No additional information available

### 12.4. Mobility in soil

No additional information available

### 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

No additional information available

## 14. Transport information

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

### 14.1. UN number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

UN-No. (ADN) : Not applicable

UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

ADR- Transport hazard class(es) (ADR) : Not applicable

IMDG- Transport hazard class(es) (IMDG) : Not applicable

IATA- Transport hazard class(es) (IATA) : Not applicable

ADN- Transport hazard class(es) (ADN) : Not applicable

RID- Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

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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- No data available

Transport by sea- No data available

Air transport- No data available

Inland waterway transport- No data available

Rail transport- No data available

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

Not applicable

## 15. Regulatory information

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

##### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions DIOCTYL PHTHALATE is not on the

REACH Candidate List DIOCTYL PHTHALATE is not on the

REACH Annex XIV List

##### 15.1.2. National regulations

Germany 12th Ordinance Implementing the Federal Immission

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

Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen ☐ Borstvoeding : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen ☐ Vruchtbaarheid : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen ☐ Ontwikkeling : The substance is not listed

Denmark



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Recommendations Danish Regulation : Young people below the age of 18 years

are not allowed to use the product Pregnant/breastfeeding women working with the

product must not be in direct contact with the product The requirements from the Danish Working

Environment Authorities regarding work with carcinogens must be followed during use and disposal

#### 15.2. Chemical safety assessment

No additional information available

## 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 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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