

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-60-6604-431

Product Type DIBUTYL PHTHALATE FOR SYNTHESIS 99%

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

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

## 2. Composition / Information on ingredients

www.rxmarine.com

2.1. Substances : DIBUTYL PHTHALATE FOR SYNTHESIS

CAS-No. : 84-74-2

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]

Reproductive toxicity, H360Df Category 1A Hazardous to the aquatic environment ☒ Acute Hazard,H400

Category 1

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

N : Dangerous for the environment

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R Phrase(s) : R50: Very toxic to aquatic organisms.

R61: May cause harm to unborn child.

R62: Possible risk of impaired fertility.

S Phrase(s) : S45: In case of accident or if you feel unwell,  
seek medical advice immediately (show the label where possible).

S53: Avoid exposure ☒ obtain special instruction before use.

S61: avoid release to the environment .

refer to special instruction/safety data sheets.

Hazard pictograms : Signal word

: Danger Hazard statements : H360Df -

May damage the unborn child. Suspected of damaging fertility. H400 -

Very toxic to aquatic life. Precautionary statements : P201 -

Obtain special instructions before use. P273 -

Avoid release to the environment. P308+P313 -

IF exposed or concerned: Get medical advice/attention.

3.3. Other hazards This substance/mixture does not meet the PBT  
criteria of REACH regulation, annex XIII This substance/mixture  
does not meet the vPvB criteria of REACH regulation, annex XIII

## 4. First Aid Measures

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

### 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

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/ . Get immediate 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 : Suspected of damaging fertility. May damage the unborn child.

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

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Treat symptomatically.

## 5. Fire-fighting Measures

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

### 5.1. Extinguishing media

Suitable 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

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

Protective equipment : Use personal protective equipment as required.

Emergency procedures : Ventilate area.

### 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

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

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### 7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use.

Avoid contact with skin and eyes. Do not breathe vapours.

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

### 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

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

## 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 : No data available

Relative evaporation rate

(butylacetate=1) : No data available

Melting point : -35 °C

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Freezing point : No data available

Boiling point : 340 °C

Flash point : 171 °C

Auto-ignition temperature : 402 °C

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure :

Relative vapour density at 20 °C : 9.6

Relative density : No data available

Density : 1.05 g/cm<sup>3</sup>

Solubility : Water: Insoluble in water

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 : ? 0.0047 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

Air contact. Direct sunlight. Open flame. Overheating.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

## 11. Toxicological information

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

### 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 the unborn child.

Suspected of damaging fertility.

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

Ecology - water : Very toxic to aquatic life.

### 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

This substance/mixture does not meet the PBT criteria

of REACH regulation, annex XIII This substance/mixture

does not meet the vPvB criteria of REACH regulation, annex XIII

#### 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 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)

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

### 14.1. UN number

UN-No. (ADR) : 3082

UN-No. (IMDG) : 3082

UN-No. (IATA) : 3082

UN-No. (ADN) : 3082

UN-No. (RID) : 3082

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.

Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III,

(-) Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III,

MARINE POLLUTANT Transport document description (IATA) : UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III

Transport document description (ADN) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

Transport document description (RID) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

### 14.3. Transport hazard class(es)

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

Danger labels (ADR) : 9

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

Danger labels (IMDG) : 9

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

Hazard labels (IATA) : 9

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

Danger labels (ADN) : 9

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

Danger labels (RID) : 9

14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG) : III

Packing group (IATA) : III

Packing group (ADN) : III

Packing group (RID) : III

14.5. Environmental hazards

Dangerous for the environment : Yes Marine pollutant : Yes

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport-

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 375, 601

Limited quantities (ADR) : 5I

Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1

Mixed packing provisions (ADR) : MP19

Portable tank and bulk container instructions (ADR) : T4

Portable tank and bulk container special provisions (ADR) : TP1, TP29

Tank code (ADR) : LGBV Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage ☒ Packages (ADR) : V12

Special provisions for carriage - Loading,

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unloading and handling (ADR) : CV13

Hazard identification number (Kemler No.) : 90

Orange plates : Tunnel restriction code (ADR) : - EAC code : 3Z

Transport by sea- Special provisions (IMDG) : 274, 335, 969

Limited quantities (IMDG) : 5 L

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : LP01, P001

Special packing provisions (IMDG) : PP1

IBC packing instructions (IMDG) : IBC03

Tank instructions (IMDG) : T4

Tank special provisions (IMDG) : TP2, TP29

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-F

Stowage category (IMDG) : A

MFAG-No : 171

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) : 450L

CAO packing instructions (IATA) : 964

CAO max net quantity (IATA) : 450L S

pecial provisions (IATA) : A97, A158, A197

ERG code (IATA) : 9L

Inland waterway transport-

Classification code (ADN) : M6

Special provisions (ADN) : 274, 335, 375, 601

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T

Equipment required (ADN) : PP

Number of blue cones/lights (ADN) : 0

Rail transport-

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Classification code (RID) : M6

Special provisions (RID) : 274, 335, 375, 601

Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) : PP1

Mixed packing provisions (RID) : MP19

Portable tank and bulk container instructions (RID) : T4

Portable tank and bulk container special provisions (RID) : TP1, TP29

Tank codes for RID tanks (RID) : LGBV Tran

sport category (RID) : 3

Special provisions for carriage ☒ Packages (RID) : W12

Special provisions for carriage - Loading,

unloading and handling (RID) : CW13, CW31 C

olis express (express parcels) (RID) : CE8

Hazard identification number (RID) : 90

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

Not applicable

## 15. Regulatory information

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

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

15.1.1. EU-Regulations No

REACH Annex XVII restrictions Dibutyl phthalate (DBP) is on the REACH Candidate List

Dibutyl phthalate (DBP) is on the REACH Annex XIV List:

Authorisation number Sunset date REACH authorisation exemptions 21/01/2015

15.1.2. National regulations

Germany Reference to AwSV : Water hazard class (WGK) 3,

severe hazard to water (Classification according to AwSV; ID No. 186)

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

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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 : DIBUTYL PHTHALATE FOR SYNTHESIS is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen ☒ Ontwikkeling : DIBUTYL PHTHALATE FOR SYNTHESIS is listed

Denmark

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

[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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