

## 1. Product and Company Identification

www.rxmarine.com

Product Name **RXSOL-60-6604-121**  
Product Type BUTYLATED HYDROXY TOLUENE (B.H.T.)  
Revised date

### Company Details:

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

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**Substance / Preparation : Butylated hydroxytoluene**

CAS No :128-37-0

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 EC 67/548 or EC 1999/45**

**Classification : Xn; R22**

Xi; R36/38

N; R51-53

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

**Health hazards : Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319**

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Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302

Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315

**Environmental hazards :** Hazardous to the aquatic environment - Chronic hazard - Category 2 (CLP : Aquatic Chronic 2) H411

### 3.2. Label elements

**Symbol(s) :** Xn : Harmful

N : Dangerous for the environment

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

R36/38 : Irritating to eyes and skin. R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S Phrase(s) :** S26 : In case of contact with eyes, rinse immediately with plenty of water

and seek medical advice.

S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

### Labelling Regulation EC 1272/2008 (CLP)

#### Hazard pictograms



**Signal words :** Warning

**Hazard statements :** H302 : Harmful if swallowed.

H319 : Causes serious eye irritation.

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H315 : Causes skin irritation.

H411 : Toxic to aquatic life with long lasting effects.

### **Precautionary statements**

**[?] Prevention** : P280: Wear protective gloves, protective clothing, eye protection, face protection.

P273: Avoid release to the environment.

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

**[?] Response** : P302+P352: IF ON SKIN : Wash with plenty of soap and water.

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

P332+P313: If skin irritation occurs : Get medical advice.

P391: Collect spillage.

P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P363: Wash contaminated clothing before reuse.

**[?] 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.

**4.1. Description of first aid measures**

**Inhalation :** Assure fresh air breathing. Allow the victim to rest.

**Skin contact :** Wash contaminated clothing before reuse. Wash with plenty of soap and

water. If skin irritation occurs : Get medical advice. Specific treatment (see on this label).

**Eye contact :** Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice.

**Ingestion :** Obtain emergency medical attention. Call a POISON CENTER or doctor if

you feel unwell. Do NOT induce vomiting. Rinse mouth.

**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 serious eye irritation. Causes skin irritation.

**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).

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## 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.

## 5.3. Advice for fire-fighters

**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. Avoid release to the environment.

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### 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 eat, drink or smoke when using this product. Wash thoroughly after

handling. Wash thoroughly after handling.

**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 container closed when not in use.

**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** : 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 safety glasses.

**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** : Solid.

**Odour** : Characteristic odour

**Odour threshold** : No data available.

**pH value** : No data available.

**Melting point [°C]** : 68 - 71 °C

**Decomposition point [°C]** : N/A

**Critical temperature [°C]** : N/A

**Auto-ignition temperature [°C]** : 470 °C

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**Flammability (solid, gas) : N/A**

**Flash point [°C] : 127°C**

**Boiling point [°C] : 265 °C**

**Initial boiling point [°C] : N/A**

**Final boiling point [°C] : N/A**

**Evaporation rate : N/A**

**Vapour pressure [20°C] : 0.01 mm Hg @ 200C**

**Vapour pressure mm/Hg : 0.01 mm Hg @ 200C**

**Vapour density : 7.6**

**Density [g/cm<sup>3</sup>] : 1.048**

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

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

**Solubility in water [% weight] : Insoluble in water**

**Solubility in water : N/A**

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

**Solubility : N/A**

**Viscosity at 40°C [mm<sup>2</sup>/s] : N/A**

## **9.2. Other information**

**Explosive properties : N/A**

**Explosion limits - upper [%] : N/A**

**Explosion limits - lower [%] : N/A**

**Oxidising properties : No data available.**

**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**

**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.

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

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

**Irritation** : Causes serious eye irritation.

Causes skin irritation.

**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

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### 12.1. Toxicity

**Toxicity information** : Toxic to aquatic life with long lasting effects.

### 12.2. Persistence - degradability

**Persistence - degradability** : May cause long-term adverse effects in the environment.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** : Not established.

### 12.4. Mobility in soil

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**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**

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### **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**

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

**General information :** Not regulated.

### **14.2. Sea transport (IMDG) [English only]**

**General information :** Not regulated.

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

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**General information :** Not regulated.

## **15. Regulatory information**

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### **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,

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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.

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