

## 1. Product and Company Identification

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Product Name TETRABUTYL AMMONIUM BROMIDE  
Part Number RXSOL-60-6605-866

Company Details:....

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone +91 22 20871200 - 1400  
Fax +91 22 27612100 ::AOH :0091 9821214367  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)  
Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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Substances

Formula  $C_{16}H_{36}BrN$   
Molecular weight 322,37 g/mol  
CAS-No. 1643-19-2  
EC-No. 216-699-2

Component	Classification	Concentration
Tetrabutylammonium bromide		
<b>Skin corrosion/irritation</b>	Skin - Rabbit	

Result: Skin irritation

(OECD Test Guideline 404)  
Eyes - Rabbit

**Serious eye damage/eye irritation**

Result: Irritations

(OECD Test Guideline 405)  
Buehler Test - Guinea pig

**Respiratory or skin sensitization**

Result: negative

**Germ cell mutagenicity**

(OECD Test Guideline 406)  
Test Type: Ames test

Test system: Escherichia coli/Salmonella  
typhimurium

Metabolic activation: with and without metabolic  
activation

Method: OECD Test Guideline 471

Result: negative

Test Type: Mutagenicity (mammal cell test):  
chromosome aberration.

Test system: Human lymphocytes

	Metabolic activation: with and without metabolic activation
	Method: OECD Test Guideline 473
	Result: negative
	Test Type: In vitro mammalian cell gene mutation test
	Test system: Chinese hamster ovary cells
	Metabolic activation: Metabolic activation
	Method: OECD Test Guideline 476
	Result: negative
	Test Type: reverse mutation assay
	Test system: Salmonella typhimurium
	Metabolic activation: with and without metabolic activation
<b>Carcinogenicity</b>	Remarks: negative
<b>Reproductive toxicity</b>	No data available
	Suspected of damaging the unborn child.
	Suspected of damaging fertility.
<b>Specific target organ toxicity (single exposure)</b>	No data available
<b>Specific target organ toxicity (repeated exposure)</b>	No data available
<b>Aspiration hazard</b>	No data available
<b>Additional Information</b>	
<b>Endocrine disrupting properties</b>	
<b>Product</b>	
<b>Assessment</b>	<p>The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.</p> <p>Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., Cough, Shortness of breath, Headache, Nausea (Dichloroacetic Acid)</p> <p>To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. (Dichloroacetic Acid)</p>

Persistence and degradability	
Toxicity to fish	Static test LC50 - Oncorhynchus mykiss (rainbow trout) - 75 mg/l - 96 h (OECD Test Guideline 203)
Toxicity to daphnia and other aquatic invertebrates	Static test EC50 - Daphnia magna (Water flea) - 42,81 mg/l - 48 h (OECD Test Guideline 202) Remarks: (in analogy to similar products) The value is given in analogy to the following substances: maleic acid
Toxicity	Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 1.520 mg/l - 96 h
Toxicity to bacteria	EC10 - Bacteria - 14 mg/l - 72 h Remarks: (Lit.) EC5 - E.coli - 15.000 mg/l Remarks: (Lit.) (maximum permissible toxic concentration)
Toxicity to algae	Static test ErC50 - Pseudokirchneriella subcapitata (green algae) - 74,35 mg/l - 72 h (OECD Test Guideline 201) Remarks: (in analogy to similar products) The value is given in analogy to the following substances: maleic acid
Products Biodegradation	The methods for determining the biological degradability are not applicable to inorganic substances.
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Endocrine disrupting properties	No data available
Other adverse effects	No data available .

### 13. Disposal considerations

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Waste treatment methods	No data available
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### 14. Transport information

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UN number	ADR/RID:1764 IMDG:1764 IATA: 1764
UN proper shipping name	ADR/RID: DICHLOROACETIC ACID
	IMDG: DICHLOROACETIC ACID
	IATA: Dichloroacetic acid
Transport hazard class(es)	ADR/RID: 8 IMDG: 8 IATA:8
Packaging group	ADR/RID: II IMDG: II IATA:II
Environmental hazards	ADR/RID: No IMDG: No IATA: No
Special precautions for user	No data available
Further information	Not classified as dangerous in the meaning of transport regulations.

### 15. Regulatory information

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<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
<b>Other regulations</b>	Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.
<b>Chemical Safety Assessment</b>	For this product a chemical safety assessment was not carried out

### 16. Other information

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Other Information	The information above is believed to be accurate and represents the
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