

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.
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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		
Skin corrosion/irritation	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
Carcinogenicity	Remarks: negative
Reproductive toxicity	No data available
	Suspected of damaging the unborn child.
	Suspected of damaging fertility.
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	
Endocrine disrupting properties	
Product	
Assessment	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. 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) To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. (Dichloroacetic Acid)

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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Safety, health and environmental regulations/legislation specific for the substance or mixture	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulations	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.
Chemical Safety Assessment	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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