

1. Product and Company Identification

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Product Name IODINE GREEN
Part Number RXSOL-60-6604-731

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / Information on ingredients

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Chemical Name	Cas No	EC No	Whight	Formula
IODINE GREEN	7553-56-2	231-442-4	4,588 mg/l - dust/mist (OECD Test Guideline 403) Remarks: (Regulation (EC) No 1272/2008, Annex VI) LD50 Dermal - Rabbit - male and female - 1.425 mg/kg (US-EPA)	
Skin corrosion/irritation	Skin - reconstructed human epidermis (RhE) Result: Moderate skin irritation (Regulation (EC) No. 440/2008, Annex, B.46)			
Serious eye damage/irritation	Remarks: Causes serious eye irritation.			
Respiratory or skin sensitization	In animal experiments: - Mouse Result: negative (OECD Test Guideline 429)			
Carcinogenicity	No data available			
Germ cell mutagenicity	Test Type: Mutagenicity (mammal cell test): Test system: Mouse lymphoma test Metabolic activation: without metabolic activation Method: OECD Test Guideline 476 Result: negative Test Type: In vivo micronucleus test Species: Mouse Application Route: Intraperitoneal Method: Mutagenicity (micronucleus test) Result: negative			
Reproductive toxicity	No data available			
Specific target organ toxicity - single exposure	Inhalation - May cause respiratory irritation. - Respiratory system			
Additional Information	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. Repeated dose toxicity - Rat - female - Oral - 100 d
 Remarks: (as aqueous solution) Repeated dose toxicity - Rat - male and female - Oral - 29 - 47 d - NOAEL (No observed adverse effect level) - 10 mg/kg RTECS: NN1575000
 Prolonged exposure to iodides may produce iodism in sensitive individuals. Symptoms of exposure include: skin rash, running nose, headache and irritation of the mucous membrane. For severe cases the skin may show pimples, boils, hives, blisters and black and blue spots. Iodides are readily diffused across the placenta. Neonatal deaths from respiratory distress secondary to goiter have been reported. Iodides have been known to cause drug-induced fevers, which are usually of short duration., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. SECTION 12: Ecological inform

12. Ecological information

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Persistence and degradability	The methods for determining the biological degradability are not applicable to inorganic substances.
Toxicity to fish	static test LC50 - Oncorhynchus mykiss (rainbow trout) - 1,67 mg/l - 96 h Remarks: (ECHA)
Toxicity to daphnia and other aquatic invertebrates	static test EC50 - Daphnia magna (Water flea) - 0,55 mg/l - 48 h Remarks: (ECHA) EC50 - Daphnia magna (Water flea) - 0,2 mg/l - 48 h
Toxicity to bacteria	EC50 - activated sludge - 280 mg/l - 3 h (OECD Test Guideline 209)
Toxicity to algae	Growth inhibition ErC50 - Desmodesmus subspicatus (green algae) - 0,13 mg/l - 72 h (OECD Test Guideline 201)
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	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.

Other adverse effects

No data available .

13. Disposal considerations

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Waste treatment Method

See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

14. Transport information

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UN number

ADR/RID:3495 IMDG:3495 IATA: 3495

UN proper shipping name

ADR/RID:IODINE IMDG:IODINE IATA:IODINE

Transport hazard class(es)

ADR/RID:8 (6.1) IMDG:8 (6.1) IATA:8 (6.1)

Packaging group

ADR/RID: III IMDG: III IATA:III

Environmental hazards

ADR/RID: yes IMDG: yes IATA: No

Special precautions for user

Tunnel restriction code : (E)

Further information

No data available

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

A Chemical Safety Assessment has been carried out for this substance.

16. Other information

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Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.

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