

1. Product and Company Identification

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Product Name Copper Oxide
Part Number RXSOL-19-1335-028

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Name of Substance	Cas Number	EINECS No	Wt.%
Copper Oxide	1317-38-0	215-269-1	2.500 mg/kg
			(OECD Test Guideline 423)
			Symptoms: Possible damages:, Vomiting, Pain, Diarrhea
			Symptoms: Irritation symptoms in the respiratory tract.
			LD50 Dermal - Rat - male and female - > 2.000 mg/kg
			(OECD Test Guideline 402)
			LD50 Oral - Rat - male - > 2.500 mg/kg
			(OECD Test Guideline 423)
			Symptoms: Possible damages:, Vomiting, Pain, Diarrhea
			Symptoms: Irritation symptoms in the respiratory tract.
			LD50 Dermal - Rat - male and female - > 2.000 mg/kg
			(OECD Test Guideline 402)
Skin corrosion/irritation	Skin - Rabbit		
Skin corrosion/irritation	Result: No skin irritation - 4 h		
	(OECD Test Guideline 404)		
Serious eye damage/eye irritation	Eyes - Rabbit		

	Result: No eye irritation - 72 h
	(OECD Test Guideline 405)
Respiratory or skin sensitization	Maximization Test - Guinea pig
	Result: negative
	(OECD Test Guideline 406)
Germ cell mutagenicity	Test Type: Ames test
	Test system: Salmonella typhimurium
	Metabolic activation: with and without metabolic activation
	Method: OECD Test Guideline 471
	Result: negative
	Remarks: The value is given in analogy to the following substances: Copper(II) sulphate
	Test Type: unscheduled DNA synthesis assay
	Species: Rat
	Cell type: Liver cells
	Application Route: Oral
	Method: OECD Test Guideline 486
	Result: negative
	Remarks: The value is given in analogy to the following substances: Copper(II) sulphate
	Test Type: Micronucleus test
	Species: Mouse
	Cell type: Red blood cells (erythrocytes)
	Application Route: Oral
	Method: Directive 67/548/EEC, Annex V, B.12.
	Result: negative
	Remarks: The value is given in analogy to the following substances: Copper(II) sulphate

Persistence and degradability	The methods for determining the biological degradability are not applicable to inorganic substances.
Toxicity to daphnia and others	No data available
Toxicity to algae	No data available
Biodegradability	No data available
Persistence and degradability	No data available

13. Disposal considerations

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Waste Disposal No Data Available

14. Transport information

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ADR/RID:

UN number	UN3077
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (copper(II) oxide)
Transport hazard class(es)	9
Packaging group	III
Environmental hazards	Yes

IMDG:

UN number	UN3077
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (copper(II) oxide)
Transport hazard class(es)	9
Packaging group	III
Environmental hazards	Yes

IATA:

UN number	UN3077
UN proper shipping name	Environmentally hazardous substance, solid, n.o.s. (copper(II) oxide)
Transport hazard class(es)	9
Packaging group	III
Environmental hazards	Yes

Further information

EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids. Packages smaller than or equal to 5 kg / L , not dangerous goods of Class 9

15. Regulatory information

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

National legislation

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Other regulations

Chemical Safety Assessment

E1 ENVIRONMENTAL HAZARDS

Take note of Dir 94/33/EC on the protection of young people at work.

For this product a chemical safety assessment was not carried out

16. Other information

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Other Information

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