

1. Product and Company Identification

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Product Name Calcium Chloride
Part Number RXSOL-19-6010-050

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Chemical Name	CAS	EC number	Weight	Formula
Calcium chloride	10035-04-8	233-140-8	5.000 mg/kg	Remarks: (anhydrous substance) (ECHA) The value is given in analogy to the following substances: calcium chloride
Skin corrosion/irritation	Skin - Rabbit Result: No skin irritation - 4 h (OECD Test Guideline 404) Remarks: (anhydrous substance) The value is given in analogy to the following substances: calcium chloride			
Serious eye damage/eye irritation	Eyes - Rabbit Result: Moderate eye irritation (OECD Test Guideline 405) Remarks: (ECHA) The value is given in analogy to the following substances: calcium chloride			
Respiratory or skin sensitization	No data available			
Toxic Effects on Human	May cause damage to the following organs: upper respiratory tract. Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation (lung irritant, lung sensitizer).			
Carcinogenicity	No data available			
Germ cell mutagenicity	Test Type: Ames test Test system: S. typhimurium Metabolic activation: Metabolic activation Method: OECD Test Guideline 471 Result:			

negative Remarks:
(anhydrous substance) Test
Type: Ames test Result:
negative Remarks:
(anhydrous substance) (Lit.)
Test Type: Mutagenicity
(mammal cell test):
chromosome aberration.
Test system: Chinese
hamster fibroblasts
Metabolic activation:
without metabolic activation
Method: OECD Test
Guideline 473 Result:
negative Remarks:
(anhydrous substance)

Reproductive toxicity No data available

Specific target organ toxicity - single exposure No data available

Endocrine disrupting properties 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. RTECS: EV9810000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological information

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Bioaccumulative potential

No data available

Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances.

Toxicity to fish

Static test LC50 - Pimephales promelas (fathead minnow) - 4.630 mg/l - 96 h (US-EPA) Remarks: (anhydrous substance) (ECHA) The value is given in analogy to the following substances: calcium chloride

Toxicity to daphnia and other aquatic invertebrates

Static test EC50 - Daphnia magna (Water flea) - 2.400 mg/l - 48 h (OECD Test Guideline 202) Remarks: (anhydrous substance) (ECHA) The value is given in analogy to the following substances: calcium chloride

Toxicity to algae

ErC50 - Pseudokirchneriella subcapitata - > 4.000 mg/l - 72 h (OECD Test Guideline 201) Remarks: (anhydrous substance) (ECHA) The value is given in analogy to the following substances: calcium chloride

Toxicity to bacteria

EC50 - activated sludge - > 261 mg/l - 30 min Remarks: (ECHA)

Mobility in soil

No Information 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

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

Discharge into the environment must be avoided.

13. Disposal considerations

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Disposal methods	The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.
Contaminated packaging	Dispose of as unused product.
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: IMDG: IATA:
UN proper shipping name	ADR/RID: IMDG: IATA:
Transport hazard class(es)	ADR/RID: IMDG: IATA:
Packaging group	ADR/RID: IMDG: IATA:
Environmental hazards	ADR/RID: NO IMDG: NO IATA: NO
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	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	<p>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.</p> <p>Disclaimer of Liability</p> <p>The information provided in this Safety Data Sheet (SDS) is based on data obtained from sources we believe to be reliable. However, this information is offered without any warranty or guarantee, express or implied, regarding its accuracy or completeness.</p> <p>The conditions for handling, storage, use, and disposal of this product are beyond our control and may also be beyond our current knowledge. For these reasons, we do not accept responsibility and explicitly disclaim liability for any loss, damage, or expense arising from or related to the handling, storage, use, or disposal of the product.</p>
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