

1. Product and Company Identification

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Product Name CROTONALDEHYDE 90%
Part Number RXSOL-19-3356-049

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	EC numbe	Weight	Formula
Crotonaldehyde	4170-30-3	224-030-0	95 % - Readily eliminated from water (OECD Test Guideline 302B)	
Toxicity to fish	LC50 - Oncorhynchus mykiss (rainbow trout) - 0,65 mg/l - 96 h Remarks: (IUCLID)			
Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia magna (Water flea) - 2 mg/l - 48 h Remarks: (IUCLID)			
Toxicity to algae	IC50 - algae - 0,88 mg/l - 72 h Remarks: (External MSDS)			
Products Biodegradation	The methods for determining the biological degradability are not applicable to inorganic substances.			
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	No data available We have no quantitative data concerning the ecological effects of this product. Possible decomposition products in case of hydrolysis are:
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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	No data available

14. Transport information

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DOT (US)	UN number:1143 Class:6.1 (3) Packing group : I
UN proper shipping name	CROTONALDEHYDE, STABILIZED
IMDG	UN number:1143 Class:6.1 (3) Packing group : I
UN proper shipping name	CROTONALDEHYDE, STABILIZED
IATA	UN number:1143 Class:6.1 (3) Packing group :I
UN proper shipping name	CROTONALDEHYDE, STABILIZED
Further information	Packages smaller than or equal to 5 kg / L , not dangerous goods of Class 9
Transport in bulk according to IMO instruments	No data available

15. Regulatory information

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Inventory status	Components are on the following inventories: Polymaleic acid: - US TSCA, Canadian DSL, EU EINECS, Australian AICS, Korean, Philippine PICCS and Chinese Xi irritant R 36/38 Irritant to eyes & skin R 41 Risk of serious damage to eyes S24/25 Avoid contact with skin and eyes S26/28 In case of contact eyes & skin, rinse with plenty water and seek medical advice Section 312/313: Not listed. Not listed under California proposition 65.
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
Authorisations and/or restrictions on use	REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : 2-Methylpropyl phthalate This product contains a substance listed on Annex XIV of the REACH Regulation (EC) Nr. 1907/2006. Listed substance / Sunset Date : 2-Methylpropyl phthalate /After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate. REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : 2-Methylpropyl phthalate
National legislation	Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. H2 ACUTE TOXIC P5c FLAMMABLE LIQUIDS E1 ENVIRONMENTAL HAZARDS
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.

16. Other information

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Other Information

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