

## 1. Product and Company Identification

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Product Name Acetic Acid 30 Percent

Part Number RXSOL-15-1267-050

Company Details:....

RX MARINE INTERNATIONAL  
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## 2. Composition / Information on ingredients

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Mixtures

Component	Classification	Concentration
Acetic acid		
CAS-No. 64-19-7	Flam. Liq. 3; Skin Corr.	100 °C
EC-No 200-580-7	1A; Eye Dam. 1; H226,	
Index-No. 607-002-00-6	H314, H318	
Index-No. CAS-No.		
EC-No.		
Index-No.		
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>	No data available	
<b>pH</b>	No data available	
	<b>materials.Extremely flammable in the presence of the following materials or conditions: oxidizing</b>	
	<b>materials.</b>	
<b>Viscosity</b>	Viscosity, kinematic: No data available	
	Viscosity, dynamic: No data available	
<b>Water solubility</b>	At 20 °C soluble	
<b>Partition coefficient: n-octanol/water</b>	No data available	
<b>Vapor pressure</b>	No data available	
<b>Density</b>	1,039 g/cm <sup>3</sup> at 20 °C	
<b>Relative density</b>	No data available	
<b>Relative vapor density</b>	No data available	
<b>Particle characteristics</b>	No data available	

<b>Explosive properties</b>	Not classified as explosive
<b>Oxidizing properties</b>	None
<b>Other safety information</b>	No data available

## 10. Stability and reactivity

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<b>Reactivity</b>	Forms explosive mixtures with air on intense heating.  A range from approx. 15 Kelvin below the flash point is to be rated as critical.
<b>Chemical stability</b>	The product is chemically stable under standard ambient conditions (room temperature) .
<b>Possibility of hazardous reactions</b>	Violent reactions possible with:  The generally known reaction partners of water.
<b>Conditions to avoid</b>	Strong heating.
<b>Incompatible materials</b>	Various metals, (generation of hydrogen)
<b>Hazardous decomposition products</b>	In the event of fire: see section 5

## 11. Toxicological information

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### Information on toxicological effects

Acute toxicity	Symptoms: If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.  Symptoms: mucosal irritations, Cough, Shortness of breath, Possible damages:, damage of respiratory tract
Skin corrosion/irritation	Dermal: No data available Remarks: Mixture causes burns.
Serious eye damage/eye irritation	Remarks: Mixture causes serious eye damage.  Risk of blindness!
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	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.  Irritation and corrosion, bronchitis, Shortness of breath, gastric spasms, Nausea, Vomiting,

	Circulatory collapse, shock
	Risk of corneal clouding.
	Risk of blindness!
	Other dangerous properties can not be excluded.
Components	
Acetic acid	
Acute toxicity	LD50 Oral - Rat - 3.310 mg/kg
	Remarks: (RTECS)
	LC50 Inhalation - Mouse - 4 h - 2.819 mg/l - vapor
	Remarks: (RTECS)
	Dermal: No data available
Skin corrosion/irritation	Skin - Rabbit
	Result: Causes burns. - 4 h
	(OECD Test Guideline 404)
	Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table
	3.1/3.2)
Serious eye damage/eye irritation	Eyes - Rabbit
	Result: Causes burns. - 4 h
	(OECD Test Guideline 405)
	Remarks: (IUCLID)
	Remarks: Causes serious eye damage.
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	Test Type: Ames test
	Test system: Salmonella typhimurium
	Result: negative
	Test Type: Mutagenicity (mammal cell test): chromosome aberration.
	Test system: Chinese hamster ovary cells
	Result: negative
	Method: Mutagenicity (micronucleus test)
	Species: Rat - male and female - Bone marrow
	Result: negative
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available

## 12. Ecological information

Persistence and degradability	No data available
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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Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.
Contaminated packaging	Dispose of as unused product.
Waste treatment Method	See <a href="http://www.retrologistik.com">www.retrologistik.com</a> 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:2790 IMDG:2790 IATA: 2790
UN proper shipping name	ADR/RID: ACETIC ACID SOLUTION IMDG: ACETIC ACID SOLUTION
Transport hazard class(es)	IATA: Acetic acid solution ADR/RID: 8 IMDG: 8 IATA:8
Packaging group	ADR/RID: III IMDG: III IATA:III
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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<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
<b>Other regulations</b>	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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