

## 1. Product and Company Identification

www.rxmarine.com

Product Name RO Coagulant 510  
Part Number RXSOL-33-3363-250

### 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 number	Weight
1-Hydroxyethylidene-1,1-diphosphonic acid	2809-21-4	--	1%10
Sodium Bisulfite	7631-90-5	--	11 mg/l - vapor (OECD Test Guideline 403) Dermal: No data available
Skin corrosion/irritation	Skin irritation with or without pain, burning, itching, redness, and swelling. Symptoms may be exacerbated by open wounds, excoriations, rashes, or other skin breaches.		
Serious eye damage/eye irritation	Eye irritation with or without pain, burning, itching, redness, and discharge.		
Respiratory or skin sensitization	Maximization Test - Guinea pig Result: negative (OECD Test Guideline 406)		
Ingestion	Gastrointestinal distress with or without nausea, vomiting, and diarrhea. Ingestion may cause allergic reaction in sulfite-sensitive individuals.		
Inhalation	Upper respiratory irritation with or without cough, watering of the eyes, and postnasal drip. Inhalation may induce or exacerbate symptoms of allergy or asthma in sulfite-sensitive individuals		
Carcinogenicity	No components have been identified as carcinogenic by OSHA, NTP, or IARC.		
Reproductive toxicity	May damage the unborn child. May damage fertility.		
Specific target organ toxicity - single exposure	- No data available		
Special Remarks on other Toxi	Acute Potential Health Effects:		

Effects on Humans	<p>Skin: Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material.</p> <p>Eyes: Causes eye irritation.</p> <p>Ingestion: Causes gastrointestinal (digestive) tract irritation with nausea, vomiting, and diarrhea. May be harmful if swallowed.</p> <p>Inhalation: Causes respiratory tract irritation. May cause chemical pneumonitis and pulmonary edema, inflammation, edema of bronchi and larynx.</p> <p>Chronic Potential Health Effects: Repeated or prolonged skin exposure may cause allergic reactions in sensitive individuals. Repeated or prolonged exposure by inhalation may affect respiration and metabolism.</p>
Endocrine disrupting properties	<p>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: KN3339000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.</p>

## 12. Ecological information

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### 1-Hydroxyethylidene-1,1-diphosphonic acid (HEDP)

Parameter	Result
96 hr LC50, Bluegill sunfish	>10,000 mg/L
96 hr LC50, Rainbow trout	4,900 mg/L
48 hr EC50, Daphnia magna	2,800 mg/L

### Sodium bisulfite

Parameter	Result
96 hr LC50, Bluegill sunfish	>1,000 ppm
96 hr LC50, Fathead minnow	59 mg/L
96 hr LC50, Rainbow trout	>1,000 ppm
48 hr EC50, Daphnia magna	140 mg/L
Persistence and degradability	No information available
Toxicity to fish	LC50 - Pimephales promelas (fathead minnow) - 8.569 mg/l - 96 h Remarks: (IUCLID)
Toxicity to daphnia and other aquatic invertebrates	Semi-static test EC50 - Daphnia magna (Water flea) - 943 mg/l - 48 h (OECD Test Guideline 202)
Toxicity to algae	Semi-static test ErC50 - Pseudokirchneriella subcapitata (green algae) - > 10.000 mg/l - 72 h (OECD Test Guideline 201)
Toxicity to bacteria	Static test EC20 - activated sludge - 1.067 mg/l - 3 h (OECD Test Guideline 209)

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

### 13. Disposal considerations

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Disposal methods	Dispose of in accordance with federal, state, and local regulations.
RCRA status	Discarded product, as sold, would not be considered a RCRA Hazardous Waste .

### 14. Transport information

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UN number	ADR/RID: IMDG: IATA:
UN proper shipping name	ADR/RID:Ethers, n.o.s. (Diethyleneglycol dimethylether)  IMDG:Ethers, n.o.s. (Diethyleneglycol dimethylether)  IATA:Ethers, n.o.s. (Diethyleneglycol dimethylether)
Transport hazard class(es)	ADR/RID: IMDG: IATA:
Packaging group	ADR/RID: IMDG: IATA:
Environmental hazards	ADR/RID: No IMDG: No IATA: No
Special precautions for user	Tunnel restriction code : (C/E)
Further information	Not classified as dangerous in the meaning of transport regulations.
Transport in bulk according to IMO instruments	No data available

### 15. Regulatory information

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OSHA Hazard Communication Status	Respiratory Sensitization, Category 1B Serious Eye Damage, Category 1
EPA Registration Number	Not applicable
TSCA	The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.
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 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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