

1. Product and Company Identification

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Product Name SODIUM TRI POLYPHOSPHATE ANHYDROUS STPP
Part Number RXSOL-60-6605-585

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	Formula
Sodium tripolyphosphate	7758-29-4	231-838-7	2.000 mg/kg (OECD Test Guideline 401) LC50 Inhalation - Rat - male and female - 4 h - > 0,39 mg/l (US-EPA) LD50 Dermal - Rabbit - > 4,640 mg/kg Remarks: (ECHA)	
Skin corrosion/irritation	Skin - Rabbit Result: No skin irritation - 4 h (OECD Test Guideline 404) Remarks: (IUCLID)			
Serious eye damage/eye irritation	Eyes - Rabbit Result: No eye irritation (OECD Test Guideline 405) Remarks: (IUCLID)			
Respiratory sensitization or skin	Local lymph node assay (LLNA) - Mouse Result: negative (OECD Test Guideline 429)			
Carcinogenicity	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.			
Germ cell mutagenicity	Ames test Escherichia coli/Salmonella typhimurium Result: negative Remarks: (IUCLID) Mutagenicity (mammal cell test): chromosome aberration. Chinese hamster lung cells Result: negative Remarks: (ECHA) OECD Test Guideline 475 Rat - male - Bone marrow Result: negative			

Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	May cause damage to organs through prolonged or repeated exposure. - Kidney
Special Remarks on other Toxi Effects on Humans	Acute Potential Health Effects: Skin: Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Eyes: Causes eye irritation. Ingestion: Causes gastrointestinal (digestive) tract irritation with nausea, vomiting, and diarrhea. May be harmful if swallowed. Inhalation: Causes respiratory tract irritation. May cause chemical pneumonitis and pulmonary edema, inflammation, edema of bronchi and larynx. 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.
Endocrine properties	disrupting Repeated dose toxicity - Dog - male and female - Oral - NOAEL (No observed adverse effect level) - 100 mg/kgRemarks: (ECHA) RTECS: YK4570000 Gastrointestinal disturbance To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Aspiration hazard	No data available
Additional Information	Repeated dose toxicity - Dog - male and female - Oral - NOAEL (No observed adverse effect level) - 100 mg/kgRemarks: (ECHA) SIGALD- 238503 Page 7 of 9 The life science business of Merck operates as MilliporeSigma in the US and Canada RTECS: YK4570000 Gastrointestinal disturbance To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. Ecological information

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Toxicity	<p>Toxicity to fish LC50 - Danio rerio (zebra fish) - > 1.850 mg/l - 24 h</p> <p>Remarks: (ECHA)</p> <p>Toxicity to daphnia and other aquatic invertebrates</p> <p>static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h</p> <p>Remarks: (ECHA)</p> <p>Toxicity to algae ErC50 - Desmodesmus subspicatus (green algae) - ca. 160 mg/l - 4</p> <p>Days</p> <p>Remarks: (ECHA)</p> <p>Toxicity to bacteria EC50 - activated sludge - > 1.000 mg/l - 3 h</p> <p>(OECD Test Guideline 209)</p> <p>Remarks: (IUCLID)</p>
Persistence and degradability	<p>The methods for determining biodegradability are not applicable to inorganic substances.</p>
Bioaccumulative potential	<p>No data available</p>
Mobility in soil	<p>No Information available</p>
Results of PBT and vPvB assessment	<p>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.</p>
Other adverse effects	<p>No data available</p>

13. Disposal considerations

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Waste treatment methods	<p>See www.retrologistik.com for processes regarding the return of chemicals and</p>
Product	<p>containers, or contact us there if you have further questions.</p>

14. Transport information

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UN number	<p>ADR/RID: - IMDG: - IATA: -</p>
UN proper shipping name	<p>ADR/RID: Not dangerous goods</p> <p>IMDG: Not dangerous goods</p> <p>IATA: Not dangerous goods</p>
Transport hazard class(es)	<p>ADR/RID: - IMDG: - IATA: -</p>
Packaging group	<p>ADR/RID: - IMDG: - IATA: -</p>

Environmental hazards	ADR/RID: no IMDG Marine pollutant: no IATA: no
Special precautions for user	Not classified as dangerous in the meaning of transport regulations.

Further information

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.

REACH - Restrictions on the manufacture,

placing on the market and use of certain

dangerous substances, preparations and articles

(Annex XVII)

: Not applicable

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.

: Not applicable

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

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 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.

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