

1. Product and Company Identification

www.rxmarine.com

Product Name Nonyl Phenol
Part Number RXSOL-19-1404-210

Company Details:....

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone +91 22 20871200 - 1400
Fax +91 22 27612100 ::AOH :0091 9821214367
Email mail@rxmarine.com
Website www.rxmraine.com

2. Composition / Information on ingredients

www.rxmarine.com

Substances

Formula $C_{15}H_{24}O$
Molecular weight 220,35 g/mol
CAS-No. 84852-15-3
EC-No. 284-325-5
Index-No. 601-053-00-8

Component

4-Nonylphenol, branched Included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH)

Classification

Acute Tox. 4; Skin Corr.
1B; Eye Dam. 1; Repr. 2;
Aquatic Acute 1; Aquatic
Chronic 1; H302, H314, H318, H361fd, H400,H410

Concentration

113 °C - closed cup

CAS-No. 84852-15-3

EC-No 284-325-5

Index-No. 601-053-00-8

M-Factor - Aquatic Acute:

10

Index-No. CAS-No.

M-Factor - Aquatic

EC-No.

Chronic: 10

Index-No.

Autoignition temperature

372 °C

Decomposition temperature

At 1.013,25 h Pa - ASTM E-659

pH

No data available

No data available

materials. Extremely flammable in the presence of the following materials or

conditions: oxidizing

materials.

Viscosity	Viscosity, kinematic: No data available Viscosity, dynamic: ca.2.320 mPa.s at 20 °C - OECD Test Guideline 114ca.209 mPa.s at 40,5 °C - OECD Test Guideline 114
Water solubility	0,0049 g/l - slightly soluble
Partition coefficient: n-octanol/water	log Pow: 5,4 at 23 °C - OECD Test Guideline 117 - Potential bioaccumulation
Vapor pressure	0,01 hPa at 38 °C - ASTM D 2879-86
Density	0,937 g/cm ³ at 25 °C - lit.
Relative density	No data available
Relative vapor density	No data available
Particle characteristics	No data available
Explosive properties	No data available
Oxidizing properties	None
Other safety information	
Surface tension	38,9 m N/m at 20,1 °C - OECD Test Guideline 115

10. Stability and reactivity

www.rxmarine.com

Reactivity	Forms explosive mixtures with air on intense heating. A range from approx. 15 Kelvin below the flash point is to be rated as critical.
Chemical stability	The product is chemically stable under standard ambient conditions (room temperature)
Possibility of hazardous reactions	No data available
Conditions to avoid	Strong heating.
Incompatible materials	No data available
Hazardous decomposition products	In the event of fire: see section 5

11. Toxicological information

www.rxmarine.com

Information on toxicological effects

Acute toxicity	LD50 Oral - Rat - male and female - 1.412 mg/kg Remarks: (ECHA) Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2) Inhalation: No data available Dermal: No data available Skin - Rabbit Result: Causes burns. - 4 h (OECD Test Guideline 404)
Skin corrosion/irritation	

sensitization	Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)
mutagenicity	Not available
Carcinogenicity	Not available
Reproductive toxicity	Not available
Teratogenicity	Not available
Specific target organ toxicity (single exposure)	Not available.
Specific target organ toxicity (repeated exposure)	Not available.
Aspiration hazard	Not available.
Information on the likely routes of exposure	Not available.

12. Ecological information

www.rxmarine.com

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

www.rxmarine.com

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 www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

14. Transport information

www.rxmarine.com

UN number	ADR/RID:3145 IMDG:3145 IATA: 3145
UN proper shipping name	ADR/RID: ALKYLPHENOLS, LIQUID, N.O.S. (4-Nonylphenol, branched)

IMDG: ALKYLPHENOLS, LIQUID, N.O.S. (4-Nonylphenol, branched)

IATA: Alkylphenols, liquid, n.o.s.

ADR/RID: 8 IMDG: 8 IATA:8

ADR/RID: II IMDG: II IATA:II

ADR/RID: yes IMDG Marine pollutant: yes IATA: no

(E)

No data available

Transport hazard class(es)
Packaging group
Environmental hazards
Special precautions for user
Tunnel restriction code
Further information

15. Regulatory information

www.rxmarine.com

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

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

For this product a chemical safety assessment was not carried out

16. Other information

www.rxmarine.com

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.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.