

1. Product and Company Identification

www.rxmarine.com

Product Name Seawater Dispersant SWD
Part Number RXSOL-40-4003-026

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.rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Chemical Name	CAS	EC number	Weight
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	270-325-2	>=10 - =0.1 -) 1 (Ethyl Ether)
Flammability (solid, gas)	No data available		
Explosive limits	No Data Available		
Upper/lower flammability or explosive limits	3.3 %(V) /		
Autoignition temperature	Not Applicable		
Decomposition temperature	No data available		
Vapour pressure	169.31 hPa @ 25 °C		
Density	0.989 g/cm ³ @ 77 °F / 25 °C		
Vapour Density	Not Applicable		
Relative Density	(>) 1 (AIR=1)		
Freezing point	No data available		
Specific Gravity	No data available		
Partition coefficient	Not Applicable		
Explosive properties	No data available		
Solubility	Not Applicable		
Ignition temperature	No information available.		
Particle characteristics	No data available		

10. Stability and reactivity

www.rxmarine.com

Reactivity	No data available
Stability	No hazards to be specially mentioned
Possibility of hazardous reactions	Violent reactions possible with: Oxidizing agents Strong acids halogens Strong bases
Conditions to avoid	None known.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Carbon dioxide and carbon monoxide
Hazardous reactions	Hazardous polymerisation does not occur.

11. Toxicological information

www.rxmarine.com

Exposure routes	Skin contact, Eye Contact, Ingestion, Inhalation
Eye contact	Causes serious eye irritation
Skin contact	May irritate skin. According to the classification criteria of the European Union, the product is not considered as being a skin irritant.
Ingestion	Not known to be harmful if swallowed.
Inhalation	Not known to be harmful if inhaled.
Aggravated Medical Condition	Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions), Liver, Central nervous system, male reproductive system, Individuals with preexisting heart disorders maybe more susceptible to arrhythmias (irregular heartbeats) if exposed to high concentrations of this material.
Symptoms	Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), Cough, central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), Lack of coordination, confusion, irregular heartbeat, respiratory failure, coma
Target Organs	May cause damage to organs through prolonged or repeated exposure. - Kidney
Acute oral toxicity	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. Repeated dose toxicity - Rat - male and female - Oral - 90 d - NOAEL (No observed adverse effect level) - 3.000 mg/kg Remarks: Subchronic toxicity RTECS: KN5250000 Nausea, Vomiting, Dizziness, Central nervous system depression, Aspiration or inhalation may cause chemical pneumonitis., MTBE (methyl-tert-butyl ether) is reported to metabolize to tert-butyl alcohol and formaldehyde by microsomal demethylation, MTBE (methyl-tert-butyl ether) should be considered a "potential human carcinogen" due to an increase in leydig interstitial cell tumors of testes in male rats and an increase in lymphomas, leukemias, and uterine sarcomas in female rats., In another unpublished study MTBE was shown to be carcinogenic due to "increased incidence of a rare type of kidney tumor" in male rats and an "increase in the incidence of hepatocellular adenomas" in female mice. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Acute dermal toxicity	Quaternary ammonium compounds, benzyl-C12-16- alkyldimethyl, chlorides no data available Methanol LD 50 Rabbit: 12,800 mg/kg

12. Ecological information

www.rxmarine.com

Biodegradation	No data available
Bioaccumulative potential	The bioaccumulation potential cannot be determined.
Component data Methanol (CAS 67-56-1)	48 h EC 50 Water flea (Daphnia magna) Static: > 10,000 mg/l

13. Disposal considerations

www.rxmarine.com

European Waste Catalogue	The Waste code should be assigned in discussion between the user and the waste disposal company.
Empty packaging	Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

14. Transport information

www.rxmarine.com

UN number	ADR/RID: IMDG: IATA:
UN proper shipping name	ADR/RID: IMDG: IATA:
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.

15. Regulatory information

www.rxmarine.com

Product Use Description	No data available
Hazard symbols	Irritant
R-phrases(s) R41	R41 Risk of serious damage to eyes.
S-phrases(s) S23	S23 Do not breathe vapour.S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39 Wear eye/face protection. S51 Use only in well-ventilated areas. S60 This material and its container must be disposed of as hazardous waste.

16. Other information

www.rxmarine.com

Other Information	<p>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.</p> <p>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.</p>
-------------------	---