

1. Product and Company Identification

www.rxmarine.com

Product Name : ALFAREX
Part Number : RXSOL-15-3052-025

Company Details:

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

Branch : Mumbai, Kandla, Chennai, Vizag, Kolkata, FUJAIRAH, Muscat

Phone : +91 22 27815540 / 41 / 42
Fax : +91 22 2781 1318 ::::AOH :0091 9821214367
Email : 123@rxmarine.com
Website : www.rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Name of Substance	Cas Number
n-Alkyl(50%C14,40%C12,10%C16) Dimethyl Benzyl Ammonium Chloride	68424-25-1
Didecyl Dimethyl Ammonium Chloride	7173-51-5
Other Ingredients	

3. Hazards Identification

www.rxmarine.com

Potential Acute Health Effects:

May cause irritation effects to nose, throat and respiratory system.
Ingestion may cause nausea and vomiting. Harmful if swallowed. Seek medical attention, attendant, doctor, or poison control center immediately. Do not induce vomiting unless told to do so by a healthcare professional. Do not give anything by mouth to an unconscious person. Hold for 15-20 minutes. Remove contact lenses, if present, and continue to rinse. Get medical attention immediately. Take off contaminated clothing and shoes for at least 15 minutes. Get medical attention immediately. If person is not breathing, call an ambulance and provide artificial respiration, if possible. Get medical attention immediately.

4. First Aid Measures

www.rxmarine.com

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, if present and easy to do. Continue rinsing. Get medical attention immediately.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing before reuse. Thoroughly clean shoes before reuse.

Inhalation:

If inhaled, If inhaled, remove to fresh air. If not breathing, call an ambulance and provide artificial respiration, if possible. Get medical attention immediately.

Ingestion:

If swallowed, do not induce vomiting. Allow victim to drink water. Never give anything by mouth to an unconscious person. Treat symptomatically.

Notes to Physicians

5. Fire-fighting Measures

www.rxmarine.com

Suitable extinguishing media

Use extinguishing measures that are appropriate to the hazard.

Protective Equipment

Use personal protective equipment.

Advice for firefighters

Wear self-contained breathing apparatus. Wear full protective clothing.

Specific extinguishing methods

Fire residues and contaminated fire extinguishing media should be disposed of in accordance with local, national and international regulations. In the event of fire and/or explosion do not breathe the fumes.

6. Accidental Release Measures

www.rxmarine.com

Personal precautions, protective equipment and emergency procedures

Store in a dry, cool and well-ventilated area. Protect from light. KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin and eyes. Wash contaminated clothing and footwear before re-use.

Environmental Precaution

Do not allow contact with soil, surface or groundwater. Notify relevant authorities immediately.

Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then clean up. Flush away traces with water. For large spills, dike or contain to prevent runoff. Avoid runoff into waterways. Avoid breathing vapors. Empty containers remain on/in empty containers. All precautions for handling empty container and residue. FOR COMMERCIAL USE ONLY.

7. Handling and Storage

www.rxmarine.com

Advice on safe handling

Do not ingest. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling.

Storage

Do not store near acids. Keep out of reach of children. Store at room temperature : 10 °C to 50 °C

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke while wearing protective equipment before entering eating areas.

8. Exposure controls and personal protection

www.rxmarine.com

Engineering Control

Effective exhaust ventilation system. Maintain air circulation.

Personal Protection

Eye protection : Wear eye protection/ face protection.
Hand protection : Wear the following personal protective equipment. It should be discarded and replaced if there is a leak or breakthrough.
Skin protection : Personal protective equipment safety goggles and protective clothing
Respiratory protection : If above the exposure limit they must use appropriate respiratory protection.

Exposure Limits:

Ingredients	CAS No
Sulphur Dioxide	7446-09-5
Ethane-1-2-Diol	107-21-1

Hygiene measures

Handle in accordance with good industrial hygiene clothing before re-use. Wash face, hands and any suitable facilities for quick drenching or flushing hazard.



Gloves Suit

9. Physical and chemical properties

www.rxmarine.com

Form	Liquid
Colour	Colourless to slightly Yellow
Odour	Acrid, slight odour of Sulphur dioxide
Boiling point and boiling range	No Data Available
Flash Point	>100°C
Freezing Point	No Data Available
pH	6
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Explosive properties	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	1.05-1.11 g/cm ³ (25°C)
Water solubility	Soluble
Solubility in other solvents	No data available
Partition coefficient: octanol	No data available
Autoignition temperature	No data available
Thermal decomposition	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Molecular weight	No data available
VOC	No data available

10. Stability and reactivity

www.rxmarine.com

Reactivity	None
Stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Incompatible materials	Avoid to contact with strong acids Avoid to contact with oxidizing agents. Store away from aldehydes.

Hazardous Decomposition	Decomposition products may include the following materials: Sulphurous oxides (SOx) Nitrous oxides (NOx) Ammonia Amines
Condition to Avoid	None Known
Polymerization	Will not occur.

11. Toxicological information

www.rxmarine.com

Route of Exposure	Inhalation, Eye contact, Skin contact
Eyes	Causes serious eye damage.
Skin	Causes severe skin burns.
Ingestion	Causes digestive tract burns
Inhalation	Inhalation of vapours leads to irritation of respiratory tract and mucous membranes, headache, nausea, dizziness Sensitisation possible through inhalation
Chronic Exposure	Health injuries are not known or expected under normal use.
Acute oral toxicity	LD50 200-2,000mg/kg
Acute inhalation toxicity	No data available
Acute dermal toxicity	No data available
Classification	The classification was made by the conventional (calculation) method of Dangerous Preparations Directive(1999/45/EC)

12. Ecological information

www.rxmarine.com

Environmental Effects	No data available
Toxicity to fish	No data available
Toxicity to daphnia and others	No data available
Toxicity to algae	No data available
Biodegradability	> 60% (28 d)
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available

13. Disposal considerations

www.rxmarine.com

Remarks	Please consider the relevant national or regional provisions that can be handled separately by the local or national authorities.
Waste Disposal	The product should not be allowed to enter drains, sewers or water courses. Recycling is preferred to disposal or incineration. If recycling is not possible, follow local regulations. Dispose of wastes in an approved waste disposal facility.

14. Transport information

www.rxmarine.com

Hazard Pictograms:

UN Number	UN3265
Proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2)
Transport hazard class(es)	8
ADR/RID	8
Subsidiary risk IMDG	8
Subsidiary risk IATA	8

Packing group	
Packing group	III
Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-B
IATA	
Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

15. Regulatory information

www.rxmarine.com

Regulations

In accordance with REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council, as amended by Commission Regulation (EU) 2015/830, COMMISSION REGULATION (EU) No 431/2010 of the European Parliament and of the Council, and the Restriction of Chemicals (REACH), established by Commission Regulation (EC) No 1999/45/EC and repealing Council Regulation (EEC) No 1488/94 as well as Council Directive 76/769/EEC, Council Directive 93/105/EC and 2000/21/EC.

Chemical safety assessment

No data available.

Further information

FOR INDUSTRIAL USE.

Water Hazard Class: WGK 1.

PR Number - 1821143. Product Declaration Number - 1821143.

16. Other information

www.rxmarine.com

Other Information

The information above is believed to be accurate and reliable based on the information available to us. However, we make no warranty of accuracy, completeness or reliability, implied, with respect to such information, and we do not assume any liability for any particular purposes. In no event shall we be liable for any damages, including but not limited to, for lost profits or any special, indirect, incidental, or consequential damages, arising, even if **Rx Marine International** has been advised in writing of the possibility of such damages.

DISCLAIMER OF LIABILITY :The information provided herein is believed to be accurate and reliable. However, the information is provided "as is" and we do not assume responsibility for its correctness. The conditions or methods of use are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for any damages, including but not limited to, for lost profits or any special, indirect, incidental, or consequential damages, arising, even if **Rx Marine International** has been advised in writing of the possibility of such damages.

any way connected with the handling, storage, use or
and is to be used only for this product. If the product
MSDS information may not be applicable.