# Material Safety Data Sheet

**Marine Descaler** (RXSOL-25-1747-025)

## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | LIME Marine ( Marine Water Scale Remover) |
| Product Type | RXSOL-16-1747-025 |

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

Stock Point : Mumbai, Kandla, Kolkata, Visakhapatnam, Chennai, Hazira, Fujairah, Muscat, Nairobi

| | |
|---|---|
| Phone | +91 22 65113333/ 5555 / 9999 / 27611360 / 27815540 |
| Fax | +91 22 2781 1318 :::AOH :0091 9322594669 |
| Email | mail@rxmarine.com |

## 2. Composition / informationon ingredients

| MATERIAL OR COMPONENT | TLV (p.p.m.) | PEL (p.p.m.) | APPROXIMATE % |
|---|---|---|---|
| HYDROGEN CHLORIDE, AQUEOUS | 5 | 5 | LESS THAN 10 |
| Inhibitor Proprietory Blend | ... | ... | More then 40 |

## 3. Hazards Identification

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| Threshold Limit Value: | :None For Total-Material Is An Aqueous Organic Salt Solution And As Such Has Little Vapor Pressure And No Noxious Fumes. |
| Effects Of Overexposure | :Should Not Be Considered Hazardous When Used As Directed. |
| Emergency & First Aid | :If Eye/Skin Contact, Copious Water Rinse. Consult Physician. Not To Be Taken Internally. If Ingested-Do Not Induce Vomiting-Drink Milk, Egg Whites, Etc. As Directed By Physician. |

Note: Adverse Effects On Human Health Are Not Expected From The Lime Marine Solution.

## 4. First Aid Measures

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| Contact with skin | Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water When in doubt or symptoms persist, seek medical attention. Contaminated clothing should be laundered before reuse. |
| Contact with eyes | If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly whilst lifting eyelids Seek. immediate medical attention. Continue flushing with water until medical help arrives. |

| | |
|---|---|
| Ingestion | Never make an unconscious person vomit or drink fluids Give plenty of water to drink Do not induce vomiting Seek immediate medical attention. |
| Inhalation | Remove patient to fresh air Keep warm and at rest, in a half upright position. Loosen clothing. When in doubt or symptoms persist, seek medical attention. |

General: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45).

## 5. Fire-fighting Measures

FLASH Point: No Flash Point, Extinquishes Flame
Extinquishing Media: Does Not Support Combustion
Special Fire Fighting Procedures: None–Water Will Control, Or Co2/Dry Chemicals
Unusual Fire & Explsion Hazards: Non-Combustible Or Explosive. Breathing Apparaus Recommended

## 6. Accidental Release Measures

| | |
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| Personal Precautions | Wear protective clothing as per section 8 Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. |
| Environmental Precautions | Do not allow to enter public sewers and watercourses. |
| Immediate Actions | Use appropriate containment to avoid environmental contamination (S57). |
| Clean Up Actions | Absorb spillage in inert material and shovel up Ventilate the area and wash spill site after material pick-up is complete. |

Special Precautions: Wear protective clothing as per section 8 Avoid release to the environment. Refer to special instructions/Safety data sheets (S61) Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.

## 7. Handling and Storage

Ventilation: 1. Local Exhaust: Normal
2. Mechanical: Sufficient
3. Respiratory: None
Protective Gloves: Recommended, Such As Neoprene Gloves.
Eye Protection: Recommended, Such As Chemical Goggles.
Other Protective Equipment: As Recommended By Plant Safety Department. To revent Staining Of Clothes, Wear An Apron.

## 8. Exposure controls and personal protection

Action To Take For Spills: Rinse With Copious Amounts Of Water To Dilute: Sodium Bicarbonate May Also Be Used To Soak Up And Neutralize Liquid.
Disposal Method: Expended Or Used Material May Be Disposed Of Down Sewer With Water Flush. Material Is Biodegradable-Even As Received

## 9. Physical and chemical properties

| | |
|---|---|
| Boiling Point: ° C. | 105 |
| Solubility In Water: | Miscible |
| Specific Gravity, (Water=1): | 1.03 @ 25 Degreec |

| | |
|---|---|
| Vapor Pressure: | 20.1mmhg @ 25 Degree C |
| Vapor Density, (Air=1): | .62 @ 25 Degree C |
| Percent Volatile By Volume: | ~99.0% |
| Appearance: | Dark Liquid |
| Odor: | Roasted Almonds |
| Ph: | Unreadable, Generally 3 |
| Evaporation Rate, (Water=1): | Slow |
| Physical State: | Liquid |

## 10. Stability and reactivity

- This article is considered stable under normal conditions, May cause rubber to swell
- Avoid overheating
- Incompatible with strong oxidizing substances, Contact with alkaline earth metals may form explosive gases, Contact with alkali metals may form explosive gases
- See Section 5

## 11. Toxicological information

Contact with skin: In cases of severe exposure, redness and irritation may develop
Contact with eyes: Causes severe irritation
Ingestion: May cause gastro-intestinal disturbances
Carcinogenicity: No evidence of carcinogenic effects

## 12. Ecological information

Handling And Storing: Preserve Integrity Of Container.
Can Material Be Stored Outside? Yes, Maintain Temperature Between 10°-180° F.
Is Material Freezable? Yes. 0º F

## 13. Disposal considerations

Classification: This material and/or its container must be disposed of as hazardous waste EU Waste class
Disposal considerations Do not discharge into drains or the environment, dispose to anauthorised waste collection point Disposal should be in accordance with local, state or national legislation.

## 14. Transport information

Not classified as a hazardous for transport

## 15. Regulatory information

Stability: Table
Incompatibilities: Trong Caustics

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|---|---|
| Hazardous Decomposition Products: | None |
| Hazardous Polymerization: | Will Not Occur |
| Conditions To Avoid: | Excessive Heating |

## 16. Other information

Text of R and S phrase codes used in this safety data sheet:-
R34 Causes burns;
R36 Irritating to eyes;
R37 Irritating to respiratory system;
R41 Risk of serious damage to eyes.
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