

## 1. Product and Company Identification

www.rxmarine.com

Product Name

Air Cooler Scale Dissolver RXSOL-54-1048-020

Product Type

DESCALING LIQUID

### Company Details:

**RX MARINE INTERNATIONAL**

**105, A wing , BSEL , TECH PARK.**

**VASHI ,NEW BOMBAY 400703 INDIA**

**Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Gandhidham, Fujairah, Muscat**

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Email [123@rxmarine.com](mailto:123@rxmarine.com)

Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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| Chemical Name               | Concentration | CAS Number | EC Number | R Phrases* |
|-----------------------------|---------------|------------|-----------|------------|
| Ethanoic Acid (Acetic Acid) | 20-40         | 64-19-07   | 200-580-7 | 35, 10     |
| Corrosion Inhibitor         | 2-5           | NA         | NA        | NA         |
| Formic Acid                 | 10-18         |            |           |            |

Polymeric Combination 35-40

Oxalo compound 6-8% for extra cleaning of scale and rust prevntion

Citric Acid 5-7%

\*See Section 16

## 3. Hazards Identification

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**Corrosive**

|                   |   |
|-------------------|---|
| Odour             | Strong pungent smell  |
| Appearance        | Liquid, pale yellow, soluble in water                                   |
| Contact with eyes | Can cause damage to the eyes  |
| Contact with skin | Prolonged skin or eye contact may cause chemical burns                  |
| Inhalation        | Causes severe irritation, May cause breathing difficulty                |
| Ingestion         | Not regarded as a potential route of exposure.,Causes burning sensation |

## 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. If irritation, redness, or pain occurs, stop washing and seek medical attention. If 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. 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 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

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- Non combustible.
- Smoke from fires is corrosive, Hydrogen chloride may be formed.
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions.
- Substance evolves toxic fumes, wear self-contained breathing apparatus.
- Use water spray or fog to knock down and absorb corrosive fumes.

## 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. Avoid 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 sheet. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. |

## 7. Handling and Storage

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|          |   |
|----------|---|
| Handling | Avoid contact with skin and eyes (S24/25). Do not breathe vapour/fumes (S23). Eyewash bottles should be available. Wear protective clothing as per section 8. Ensure adequate ventilation. In use, may form flammable/explosive vapour-air mixture (R18). |
| Storage  | Keep only in the original container in a cool, well ventilated place (S3/9/49). Keep in acid store.   |

## 8. Exposure controls and personal protection

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|                                |   |
|--------------------------------|---|
| Exposure Limits                | TLV (TWA) 20 ppm, 122 mg/m <sup>3</sup> (1,2-Dichlorobenzene).  |
| Exposure controls              | The undiluted product must not be used in a confined space without good ventilation.  |
| Occupational exposure controls | Wear approved respirator if exposure likely to exceed MEL/OES. Wear goggles giving complete eye protection. Wear protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended). |



Gloves Suit Visor

## 9. Physical and chemical properties

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|            |                                       |
|------------|---------------------------------------|
| Odour      | Strong smell                          |
| Appearance | Liquid, pale yellow, soluble in water |
| PH         |                                       |