# Material Safety Data Sheet

**Evaporator Treatment Chemical** (RXSOL-51-6001-020)

## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | **RXSOL-51-6001-020** |
| Product Type | VAPTREAT-I |

**Company Details:**

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

| | |
|---|---|
| Phone | +91 22 65113333 / 5555 / 9999 / 27611360 |
| Fax | +91 22 2781 1318 :::AOH :0091 9821214367 |
| Email | mail@rxmarine.com |


## 2. Composition / informationon ingredients

| Chemical Name | Concentration | CAS Number | EC Number | R Phrases* | Symbols |
|---|---|---|---|---|---|
| Sodium Acrylate | 10-30 | 25085-02-3 | N/A | - | - |
| Non classified ingredients | 60-100 | | | | |

*See Section 16

## 3. Hazards Identification

| | |
|---|---|
| Odour | Odourless |
| Appearance | Liquid, pale yellow, soluble in water |
| Contact with eyes | Mildly irritating to eyes |
| Contact with skin | In cases of severe exposure, irritation may develop |
| Inhalation | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract |
| Ingestion | May cause gastro-intestinal disturbances |

## 4. First Aid Measures

| | |
|---|---|
| Contact with skin | Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical attention if irritation persists |

| | |
|---|---|
| Contact with eyes | If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Seek medical advice |
| Ingestion | Never make an unconscious person vomit or drink fluids Give water or milk to drink When in doubt or symptoms persist, seek medical attention |
| Inhalation | Inhalation is unlikely to occur Remove patient to fresh air |
| General | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) |

## 5. Fire-fighting Measures

- Non combustible
- Smoke from fires is irritating
- Not flammable. In case of fire use extinguishing media appropriate to surrounding condition

## 6. Accidental Release Measures

| | |
|---|---|
| Personal Precautions | Wear protective clothing as per section 8. |
| Environmental Precautions | No special precautions are required for this product. |
| Immediate Actions | Shut off source of leak if safe to do so. |
| Clean Up Actions | Flush spill area with copious amounts of water. |
| See SeSpecial Precautions | Wear protective clothing as per section 8 No special precautions are required for this product. |

## 7. Handling and Storage

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|---|---|
| Handling | The usual precautions for handling chemicals should be observed |
| Storage | Keep only in the original container in a cool, well ventilated place (S3/9/49 |

## 8. Exposure controls and personal protection

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|---|---|
| Exposure Limits | There are no recommended or established controls for this product. |
| Exposure controls | No special precautions are required for this product. |
| Occupational exposure controls | Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended). |



Gloves



Suit



Goggles

## 9. Physical and chemical properties

| | |
|---|---|
| Odour | Odourless |
| Appearance | Liquid, colouless or pale yellow, soluble in water |
| pH | 8.5 - 10 at 100 % concentration |
| Boiling point | >100 °C at 760 mm /Hg |
| Vapour pressure | not known |
| Freezing point | 0 °C at 760 mm/Hg |
| Completely soluble in water | |
| Specific gravity (water=1) | 1.08 |
| Non | combustible |

## 10. Stability and reactivity

- No hazardous decomposition products known
- Avoid overheating, Keep away from frost

## 11. Toxicological information

| | |
|---|---|
| Toxicological information | LD50 (dermal) : > 10000 mg/kg No effects in humans. |
| Inhalation | Vapours or aerosols may cause irritation of eyes, nose and respiratory tract. |
| Contact with skin | In cases of severe exposure, redness and irritation may develop. |
| Contact with eyes | In cases of severe exposure, redness may develop. |
| Ingestion | In cases of severe exposure, gastro-intestinal disturbances may develop. |
| Carcinogenicity | No evidence of carcinogenic effects. |

## 12. Ecological information

| | |
|---|---|
| Ecotoxicity | On available data, substance is not harmful to aquatic life LC50 (bluegill sunfish) 4750 mg/l (96 hr) (Sodium acrylate). |
| Mobility | Completely soluble in water. |

| | |
|---|---|
| Persistence and Biodegradability | Most components in this product are not readily biodegradable. Sodium polyacrylate: Chemical oxygen demand (COD) 0.4 g/g  Biological oxygen demand (BOD) 0.009 g/g. |
| Bioaccumulation Potential | Bioaccumulation is insignificant. |
| Other Adverse Effects | Presents little or no hazard to the aquatic environment. |

## 13. Disposal considerations

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|---|---|
| Classification | EU Waste class. |
| Disposal considerations | Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in accordance with local, state or national legislation. |

## 14. Transport information

- Not classified as hazardous for transport

## 15. Regulatory information

| | |
|---|---|
| Classification and labelling | Not classified as hazardous for users |
| Risk Phrases | Not applicable |
| Safety Phrases | Not applicable |

## 16. Other information

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituentsThe data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer .

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