

## 1. Product and Company Identification

www.rxmarine.com

Product Name : **RXSOL-50-5006-025**  
Product Type : **HARDNESS CONTROL 25 Kgs**

### Company Details:

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

**Stock points:** Dubai, Muscat, Kenya, Uganda, Canada, Mumbai, Kandla, Kolkata, Vizag, Chennai

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

## 2. Composition / Information on ingredients

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| Chemical Name                | Concentration | CAS Number | EC Number | R Phrases* |
|------------------------------|---------------|------------|-----------|------------|
| SodiumHexameta Phosphate     | 60-90         | 10124-56-8 | 233-343-1 | -          |
| Monosodium Phosphate         | 10-20         | ....       | .....     | .....      |
| Proprietary Blend of Softner | 20-30         | .....      | .....     | .....      |

\*See Section 16

## 3. Hazards Identification

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|                   |   |
|-------------------|---|
| Odour             | Odourless.  |
| Appearance        | powder, white, soluble in water.  |
| Contact with eyes | Prolonged exposure may cause abrasive irritation of the eyes.                     |
| Contact with skin | In cases of severe exposure, irritation may develop.                              |
| Inhalation        | Prolonged exposure may cause abrasive irritation of the mucous membranes.         |
| Ingestion         | The ingestion of significant quantities may cause gastro-intestinal disturbances. |

## 4. First Aid Measures

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|                   |   |
|-------------------|---|
| Contact with skin | Wash affected area with plenty of soap and water  |
| Contact with eyes | If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Irrigate eyes thoroughly. When in doubt or symptoms persist, seek medical attention |
| Ingestion         | Never give anything by mouth to an unconscious person. Give water or milk to drink. When in doubt or symptoms persist, seek medical attention   |
| Inhalation        | Remove patient to fresh air. Seek medical attention if irritation persists  |
| 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 solid
- Decomposition products may include phosphorous compounds
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

## 6. Accidental Release Measures

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|                           |   |
|---------------------------|---|
| Personal Precautions      | Wear protective clothing as per section 8. Avoid raising dust.                                    |
| Environmental Precautions | No special precautions are required for this product.   |
| Clean Up Actions          | Sweep or shovel-up spillage and remove to a safe place. Wash spill site with water and detergent. |
| Special Precautions       | Wear protective clothing as per section 8.  |

## 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.  |
| Occupational exposure controls | Wear suitable dust mask e.g. to BS 2091. Wear suitable protective clothing, including eye/face protection and gloves (are recommended). |



Gloves Goggles Suit No\_Smoking

## 9. Physical and chemical properties

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|                       |   |
|-----------------------|---|
| Odour                 | Odourless   |
| Appearance            | powder, white, soluble in water                   |
| pH                    | 6 at 1 % concentration                            |
| Vapour pressure       | not known   |
| Melting point         | >600 °C at 760 mm /Hg - Water solubility ~100 g/l |
| Density               | 1100 kg/m <sup>3</sup>                            |
| Non-combustible solid |   |

## 10. Stability and reactivity

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- This article is considered stable under normal conditions+9
- Avoid contact with moist air
- See Section 5

## 11. Toxicological information

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|                           |   |
|---------------------------|---|
| Toxicological information | LD50 (dermal) : 7250 mg/kg  |
| Inhalation                | May cause irritation  |
| Contact with skin         | In cases of severe exposure, redness and irritation may develop   |
| Contact with eyes         | May cause irritation  |
| Ingestion                 | No effects for small dosage. Large dose effects not known<br>The ingestion of significant quantities may cause gastro-intestinal disturbances |
| Carcinogenicity           | No evidence of carcinogenic effects   |

## 12. Ecological information

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|             |   |
|-------------|---|
| Ecotoxicity | Presents little or no hazard to the aquatic environment |
| Mobility    | Completely soluble in water                             |

|                                  |   |
|----------------------------------|---|
| Persistence and Biodegradability | Degrades by hydrolysis  |
| Bioaccumulation Potential        | Bioaccumulation is insignificant  |
| Other Adverse Effects            | No environmental problems are expected when the product is used / handled correctly. In its intended use, the product released into the environment. Presents little or no hazard to the 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

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- Not classified as hazardous for transport

### 15. Regulatory information

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|                |                |
|----------------|----------------|
| Risk Phrases   | Not applicable |
| Safety Phrases | Not applicable |

### 16. Other information

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The information provided about the product on this Safety Data Sheet has been compiled from knowledge of The individual constituents The 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 without seeking advice from manufacturer This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC) This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC) This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)

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