



# RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

**RXSOL-15-1539-025**

RXSOL Zyme 700 FN

## Material Safety Data Sheet (MSDS)

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

### 1. Product and Company Identification

|              |                   |
|--------------|-------------------|
| Product Name | RXSOL-15-1539-025 |
| Product Type | RXSOL Zyme 700 FN |

#### Company Details:

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

|         |                                                          |
|---------|----------------------------------------------------------|
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| Fax     | +91 22 2781 1318 ::::AOH :0091 9821214367                |
| Email   | <a href="mailto:mail@rxmarine.com">mail@rxmarine.com</a> |
| Website | <a href="http://www.rxmarine.com">www.rxmarine.com</a>   |

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### 2. Composition / Information on ingredients

| Chemical Name                    | Concentration | CAS Number | EC Number | R Phrases* | Symbols Disodium |
|----------------------------------|---------------|------------|-----------|------------|------------------|
| Viable bacterial cultures        | 5-10%         | N/A        | N/A       | -          | -                |
| Other non classified ingredients | 60-100        | -          | -         | -          | -                |

\*See Section 16

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### 3. Hazards Identification

#### Classification of the substance or mixture

Not classified as hazardous for supply

|                                                   |                |
|---------------------------------------------------|----------------|
| Label elements                                    |                |
| No hazard expected under normal conditions of use |                |
| Risk Phrases                                      | Not applicable |
| Safety Phrases                                    | Not applicable |
| Other hazards                                     |                |

|                   |                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Odour             | Characteristic odour                                                                                                             |
| Appearance        | fibres, tan, partly 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         | Not regarded as a potential route of exposure., The ingestion of significant quantities may Cause gastro-intestinal disturbances |

## 4. First Aid Measures

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### Description of first aid measures

|              |                                                                                                                                                                                                                                                                         |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IF ON SKIN   | Wash with plenty of soap and water. When in doubt or symptoms persist, seek medical attention                                                                                                                                                                           |
| IF IN EYES   | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly whilst lifting eyelids |
| IF INHALED   | If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. When in doubt or symptoms persist, seek medical attention                                                                                                      |
| IF SWALLOWED | rinse mouth. Do NOT induce vomiting. Give plenty of water to drink. Never make an unconscious person vomit or drink fluids. When in doubt or symptoms persist, seek medical attention                                                                                   |

### Most important symptoms and effects, both acute and delayed

Possible redness and irritation of affected areas. The ingestion of significant quantities may cause gastro-intestinal disturbances

### Indication of immediate medical attention and special treatment needed

## 5. Fire-fighting Measures

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### Extinguishing media

In case of fire use water, alcohol resistant foam, carbon dioxide or dry agent (S43)

### Special hazards arising from the substance or mixture

Smoke from fires is irritating. Take precautions to protect personnel from exposure

### Advice for firefighters

Wear chemical protection suit and positive-pressure breathing apparatus

## 6. Accidental Release Measures

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|                             |                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions        | Wear protective clothing as per section 8                                                                                         |
| Environmental Precautions   | No special precautions are required for this product                                                                              |
| Clean Up Actions            | Sweep or shovel-up spillage and remove to a safe place. Ventilate the area and wash spill site after material pick-up is complete |
| Reference to other sections | None                                                                                                                              |

## 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). Keep only in original container.Store in a well-ventilated place. Keep cool. |
| Specific end use(s) |                                                                                                                                                              |

## 8. Exposure controls and personal protection

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|                                |                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Control parameters             | 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 Goggles Suit            | No Smoking                                                                                                      |

## 9. Physical and chemical properties

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### Information on basic physical and chemical properties

|                             |                                      |
|-----------------------------|--------------------------------------|
| Odour                       | Characteristic odour                 |
| Appearance                  | fibres, tan, partly soluble in water |
| pH                          | ~ 7 at 1 % concentration             |
| Boiling point               | not applicable                       |
| Vapour pressure             | not known                            |
| Melting point               | not applicable                       |
| Dispersible                 |                                      |
| Density                     | 700 kg/m3                            |
| Freezing point              | <0 °C at 760 mm/Hg                   |
| Completely soluble in water |                                      |
| combustible                 |                                      |
| Other information           |                                      |

## 10. Stability and reactivity

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### Reactivity

This article is considered stable under normal conditions

### Chemical stability

This article is considered stable under normal conditions

### Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

### Conditions to avoid

Avoid overheating.

### Incompatible materials

Incompatible with acids and alkalis. Incompatible with oxidizing substances

### Hazardous Decomposition Products

Decomposition products may include carbon oxides

## 11. Toxicological information

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|                           |                                                                                  |
|---------------------------|----------------------------------------------------------------------------------|
| Toxicological information | Non-toxic                                                                        |
| Inhalation                | Mildly irritating to respiratory system                                          |
| Contact with skin         | In cases of severe exposure, irritation may develop                              |
| Contact with eyes         | May cause irritation                                                             |
| Ingestion                 | The ingestion of significant quantities may cause gastro-intestinal disturbances |
| Carcinogenicity           | No evidence of carcinogenic effects                                              |

## 12. Ecological information

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|                                    |                                                                     |
|------------------------------------|---------------------------------------------------------------------|
| Toxicity                           |                                                                     |
| Persistence and degradability      | The components in this product are readily biodegradable.           |
| Bioaccumulation Potential          | Bioaccumulation of the components in this product is insignificant. |
| Mobility in soil                   | Dispersible                                                         |
| Results of PBT and vPvB assessment |                                                                     |
| Other Adverse Effects              | Presents little or no hazard to the aquatic environment             |

## 13. Disposal considerations

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|                         |                                                      |
|-------------------------|------------------------------------------------------|
| Waste treatment methods | No special precautions are required for this product |
| Classification          | EU Waste class: -                                    |

## 14. Transport information

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|           |                              |                                                                |
|-----------|------------------------------|----------------------------------------------------------------|
| UN Number |                              |                                                                |
|           | UN Proper Shipping Name      |                                                                |
|           | Transport hazard class(es)   |                                                                |
|           | Packing group                | n/a                                                            |
|           | Environmental hazards        | On available data, substance is not harmful to the environment |
|           | Special precautions for user | Not classified as hazardous for transport                      |

|                                                                                           |  |
|-------------------------------------------------------------------------------------------|--|
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code : Not applicable |  |
| Other information                                                                         |  |

## 15. Regulatory information

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### Safety, health and environmental regulations/legislation specific for the substance or mixture

This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU. Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations. Council Directive 1999/45/EEC Classification, Not hazardous according to current The Dangerous Substances Directive (67/548/EEC)

### Chemical Safety Assessment

## 16. Other information

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Text of R and S phrase codes used in this safety data sheet:- R36: Irritating to eyes. 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(s)

without seeking advice from manufacturer

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