



# RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

## RXSOL-16-1015-500

Floor Cleaner 500ML

### Material Safety Data Sheet (MSDS)

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

#### 1. Product and Company Identification

|              |                   |
|--------------|-------------------|
| Product Name | RXSOL-16-1015-500 |
| Product Type | Floor Cleaner     |

#### 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 | <a href="mailto:mail@rxmarine.com">mail@rxmarine.com</a> |

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#### 2. Composition / Information on ingredients

| Principle Hazardous Component(s)<br>(chemical and common name(s)) | (Cas. No)   | %    | OSHA PEL<br>mg/m3 | ACGIH TLV<br>mg/m3 | NTP | IARC | OSHA<br>regulated |
|-------------------------------------------------------------------|-------------|------|-------------------|--------------------|-----|------|-------------------|
| Sodium Metasilicate Pentahydrate                                  | (6834-92-0) | <85% | 5                 | 10                 | No  | No   | No                |

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#### 3. Hazards Identification

|                                    |                                                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------------------------|
| Emergency overview                 |                                                                                                       |
| Appearance                         | White powder                                                                                          |
| Immediate effects                  | Caustic, irritating to skin and mucous membranes. Ingestion causes GI upset. Potential health effects |
| Primary Routes of entry            | Inhalation, skin and eye contact.                                                                     |
| Signs and Symptoms of Overexposure | The dust can cause tissue damage, especially to eyes and lungs.                                       |
| Eyes                               | May cause eye irritations or damage.                                                                  |
| Skin                               | May cause skin irritation.                                                                            |
| Ingestion                          | Causes GI upset.                                                                                      |

|                  |                                                             |
|------------------|-------------------------------------------------------------|
| Inhalation       | May cause irritations or tissue damage to throat and lungs. |
| Chronic Exposure | ND                                                          |

Chemical Listed As Carcinogen Or Potential Carcinogen: No See Toxicological Information (Section11) Potential environmental effects See Ecological Information (Section 12)

#### 4. First Aid Measures

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If accidental overexposure is suspected:-

|                                                     |                                                                                  |
|-----------------------------------------------------|----------------------------------------------------------------------------------|
| Eye(s) Contact                                      | Flush eyes immediately with water for at least 15 minutes.Get medical attention. |
| Skin Contact                                        | Flush immediately with water for at least 15 minutes. Was clothes before reuse.  |
| Inhalation                                          | Remove victim to fresh air. Administer oxygen if breathing is difficult.         |
| Ingestion                                           | See medical attention.                                                           |
| Note to physician                                   |                                                                                  |
| Treatment                                           | ND                                                                               |
| Medical Conditions generally Aggravated by Exposure | ND                                                                               |

#### 5. Fire-fighting Measures

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|                                    |                                         |
|------------------------------------|-----------------------------------------|
| Flash Point                        | None                                    |
| Flammable Limits                   | None                                    |
| Auto-ignition point                | ND                                      |
| Fire Extinguishing Media           | None                                    |
| Special Fire Fighting Procedures   | None                                    |
| Unusual Fire and Explosion Hazards | None                                    |
| Hazardous combustion products      | Carbon monoxide and dioxide when burned |
| DOT Class                          | None                                    |

#### 6. Accidental Release Measures

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Steps to be Taken in Case Material is Released or Spilled: Clean up solids. Remnants may be neutralized with weak acid and absorbed for disposal. Waste Disposal Methods : Dispose of waste according to Federal, State and Local Regulations.

#### 7. Handling and Storage

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|                                                 |                                               |
|-------------------------------------------------|-----------------------------------------------|
| DOT Class                                       | None                                          |
| Precautions to be Taken in Handling and Storage | Store away from high heat, avoid skin contact |
| Storage temperature                             | Room temperature.                             |
| Storage Pressure                                | NA                                            |

## 8. Exposure controls and personal protection

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|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| Engineering Controls                 |                                                       |
| Ventilation required                 | Local exhaust.                                        |
| Personal Protection Equipment        |                                                       |
| Respiratory protection               | Wear dust mask                                        |
| Protective gloves                    | Rubber or latex.                                      |
| Skin protection                      | Wear gloves                                           |
| Eye protection                       | Safety glasses or face shield.                        |
| Additional clothing and/or equipment | None needed.                                          |
| Exposure Guidelines                  | See Composition/Information on Ingredients (Section2) |

## 9. Physical and chemical properties

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|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| Engineering Controls                 |                                                       |
| Ventilation required                 | Local exhaust.                                        |
| Personal Protection Equipment        |                                                       |
| Respiratory protection               | Wear dust mask                                        |
| Protective gloves                    | Rubber or latex.                                      |
| Skin protection                      | Wear gloves                                           |
| Eye protection                       | Safety glasses or face shield.                        |
| Additional clothing and/or equipment | None needed.                                          |
| Exposure Guidelines                  | See Composition/Information on Ingredients (Section2) |

## 10. Stability and reactivity

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|                                      |                              |
|--------------------------------------|------------------------------|
| Stability                            | Stable                       |
| Conditions to Avoid                  | None                         |
| Materials to Avoid (Incompatibility) | Strong acids.                |
| Hazardous Decomposition Products     | Carbon monoxide and dioxide. |
| Hazardous Polymerization             |                              |

## 11. Toxicological information

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Results of component toxicity test performed: Sodium Metasilicate Pentahydrate (6834-92-0) anhydrous material. Rat (oral) LD50: 1153 mg/Kg. Standard Draize, Skin human, 250 mg/24-hour, severe. Investigated as reproductive effectors. Human experience: ND for product. This product does not contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

## 12. Ecological information

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|                           |    |
|---------------------------|----|
| Ecological Information    | ND |
| Chemical Fate Information | ND |

## 13. Disposal considerations

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RCRA 40 CFR 261 Classification: Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

## 14. Transport information

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|                      |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| US DOT Information   |                                                                          |
| Proper shipping name | Corrosive solid, basic, inorganic, n.o.s. (contains Sodium Metasilicate) |
| Hazard Class         | 8                                                                        |
| Packaging group      | III                                                                      |
| UN Number            | UN3262                                                                   |
| Limitations          | See 49CFR173.154(B)(2)(c).                                               |
| Ground               | ORM-D                                                                    |
| IATA                 |                                                                          |
| Proper shipping name | Corrosive solid, basic, inorganic, n.o.s. (contains Sodium Metasilicate) |
| Hazard Class         | 8                                                                        |
| Packaging group      | III                                                                      |
| UN Number            | UN3262                                                                   |
| Limitations          | See current IATA regulations                                             |
| IMO                  |                                                                          |
| Proper shipping name | Corrosive solid, basic, inorganic, n.o.s. (contains Sodium Metasilicate) |
| Canadian TDG         | ND                                                                       |

## 15. Regulatory information

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United States Federal Regulations MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| SARA                      | None listed                                          |
| SARA Title III            | None listed                                          |
| RCRA                      | None listed                                          |
| TSCA                      | Sodium Metasilicate Pentahydrate (6834-92-0). Listed |
| State Regulations         |                                                      |
| CERCLA                    | None listed.                                         |
| California Proposition 65 | None listed                                          |

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| International Regulations |                                                      |
| Canada WHMIS              | Sodium Metasilicate Pentahydrate (6834-92-0). Listed |
| Europe EINECS Numbers     | ND                                                   |

## 16. Other information

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Label Information : Caustic, irritating to eye, skin and mucous membranes.

European Risk and Safety Phrases : ND

European symbols needed : ND

Canadian WHMIS Symbols :

NFPA Hazard Rating: Health : 1; Fire : 0; Reactivity: 1

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

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