

# Material Safety Data Sheet

Floor Stripper 10 Ltr (RXSOL-13-1041-010)



## 1. Product and Company Identification

Product Name **RXSOL-13-1041-010**

Product Type **Floor Stripper-II**

### 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](mailto:mail@rxmarine.com)

## 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 regulated |
|-------------------------------------------------------------------|-------------|-----|-------------------|--------------------|-----|------|----------------|
| Sodium Metasilicate Pentahydrate                                  | (6834-92-0) | 85% | 5                 | 10                 | No  | No   | No             |

## 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<br>Potential Carcinogen | No                                                              |

See Toxicological Information (Section 11) Potential environmental effects See Ecological Information (Section 12)

## 4. First Aid Measures

### 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. Wash 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

|                                    |                                         |
|------------------------------------|-----------------------------------------|
| 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

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

|                                                 |                                               |
|-------------------------------------------------|-----------------------------------------------|
| 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

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

|                               |               |
|-------------------------------|---------------|
| Appearance and Physical State | White powder. |
|-------------------------------|---------------|

|                  |            |
|------------------|------------|
| Odor (threshold) | Mild odor. |
|------------------|------------|

|                          |   |
|--------------------------|---|
| Specific Gravity (H2O=1) | 1 |
|--------------------------|---|

|                        |     |
|------------------------|-----|
| Vapor Pressure (mm Hg) | Nil |
|------------------------|-----|

|                       |    |
|-----------------------|----|
| Vapor Density (air=1) | NA |
|-----------------------|----|

|                            |     |
|----------------------------|-----|
| Percent Volatile by volume | Nil |
|----------------------------|-----|

|                                    |    |
|------------------------------------|----|
| Evaporation Rate (butyl acetate=1) | NA |
|------------------------------------|----|

|               |    |
|---------------|----|
| Boiling Point | NA |
|---------------|----|

|                                |    |
|--------------------------------|----|
| Freezing point / melting point | NA |
|--------------------------------|----|

|    |    |
|----|----|
| pH | NA |
|----|----|

|                     |    |
|---------------------|----|
| Solubility in Water | NA |
|---------------------|----|

|                  |    |
|------------------|----|
| Molecular Weight | NA |
|------------------|----|

## 10. Stability and reactivity

|           |        |
|-----------|--------|
| Stability | Stable |
|-----------|--------|

|                     |      |
|---------------------|------|
| Conditions to Avoid | None |
|---------------------|------|

|                                      |               |
|--------------------------------------|---------------|
| Materials to Avoid (Incompatibility) | Strong acids. |
|--------------------------------------|---------------|

|                                  |                              |
|----------------------------------|------------------------------|
| Hazardous Decomposition Products | Carbon monoxide and dioxide. |
|----------------------------------|------------------------------|

|                          |  |
|--------------------------|--|
| Hazardous Polymerization |  |
|--------------------------|--|

## 11. Toxicological information

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

|                        |    |
|------------------------|----|
| Ecological Information | ND |
|------------------------|----|

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

## 13. Disposal considerations

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

|                    |  |
|--------------------|--|
| 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

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

|                                     |                                                                              |
|-------------------------------------|------------------------------------------------------------------------------|
| 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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