# Material Safety Data Sheet

**Organophillic Clay** (RXSOL-81-8130-025)

## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | RXSOL-81-8130-025 |
| Product Type | Organophillic Clay |

Company Details:

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

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


## 2. Composition / informationon ingredients

| Components | CAS # | Percent |
|---|---|---|
| CRYSTALLINE SILICA, QUARTZ | 14808-60-7 | 1 |
| Non-hazardous and other components below reportable levels | | > 90 |

## 3. Hazards Identification

| | |
|---|---|
| Emergency overview | Harmful in contact with eyes. Prolonged exposure may cause chronic effects. Contact with this material can cause irritation to the skin, eyes and mucous membranes. |
| OSHA regulatory status<br>Potential health effects | However exposure limits detailed in Section 8 should be observed. |
| Eyes | Dust or powder may irritate eye tissue. Eye contact may result in corneal injury. |
| Skin | Health injuries are not known or expected under normal use. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). |
| Inhalation | Inhalation of dusts may cause respiratory irritation. |
| Ingestion Target organs | Health injuries are not known or expected under normal use. Eyes. Lungs. Respiratory system. |
| Chronic effects | Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material. Shortness of breath. |
| Signs and symptoms | Cough. Discomfort in the chest. Shortness of breath. Conjunctivitis. Corneal damage. Chronic lung disease(silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material. |

## 4. First Aid Measures

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|---|---|
| EYE | Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists. |
| SKIN | Wash off skin with soap and water. Get medical attention if irritation develops or persists. |
| INHALATION | Move to fresh air. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist. |
| INGESTION | If swallowed, rinse mouth with water (only if the person is conscious). If ingestion of a large amount does occur, seek medical attention. Symptoms may be delayed. |
| General advice | Call a physician if symptoms develop or persist. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). |

## 5. Fire-fighting Measures

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|---|---|
| Flammable properties | Dusts at sufficient concentrations can form explosive mixtures with air. |
| Hazardous combustion products Extinguishing media | Product is not considered combustible. Extinguishing media |
| Suitable extinguishing media Protection of firefighters | Use any media suitable for the surrounding fires. |
| Protective equipment for firefighters apparatus | Firefighters should wear full protective clothing including self contained breathing |

## 6. Accidental Release Measures

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|---|---|
| Personal Precautions | Surfaces may become slippery after spillage. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. |
| Evacuation procedures | Keep unnecessary personnel away. Stay upwind. |
| Environmental precautions | Do not flush into surface water or sanitary sewer system. |
| Methods for containment | Stop the flow of material, if this is without risk. Contain the discharged material. |
| Methods for cleaning up | Vacuum or sweep up material and place in a disposal container. Avoid the generation of dusts during clean-up. Do not flush with water. Forms smooth, slippery surfaces on floors, posing an accident risk. |

## 7. Handling and Storage

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|---|---|
| Handling | Wear personal protective equipment. Minimize dust generation and accumulation. In case of insufficient ventilation, wear suitable respiratory equipment. |
| Storage | Keep in a dry, cool and well-ventilated place. Keep container tightly closed. |

## 8. Exposure controls and personal protection

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|---|---|
| Eye / face protection | Wear dust goggles. |
| Skin protection | Use of protective coveralls and long sleeves is recommended. Use of impervious boots is recommended. |
| Hand protection | Rubber or plastic gloves. |
| Respiratory protection | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. |
| General hygeine considerations | Do not breathe dust. Wash hands before breaks and immediately after handling the product. |

## 9. Physical and chemical properties

| | |
|---|---|
| Appearance / Color / Form | Powder. Off-white. Solid. |
| Odor | Odorless |
| Clarity | Not available |
| Odor threshold | Not available |
| Physical state | Solid |
| pH | Not available |
| Melting point | Not available |
| Freezing point | Not available |
| Boiling point | Not available |
| Flash point | Non flammable |
| Evaporation rate | Not available |
| Flammability limits in air, lower, % by volume | Not available |
| Flammability limits in air, upper, % by volume | Not available |

| | |
|---|---|
| Vapor pressure | Not available |
| Vapor density | Not available |
| Specific gravity | Not available |
| Relative density | 1.6 g/cm3 @20°C |
| Solubility | Insoluble in water. |
| Octanol/H20 coeff | Not available |
| Auto-ignition temperature | Not available |
| Decomposition temperature | Not available |

## 10. Stability and reactivity

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|---|---|
| Chemical stability | Stable at normal conditions. |
| Conditions to avoid | Temperatures above 130°C |
| Incompatible materials | None known |
| Hazardous decomposition products | None known |
| Possibility of hazardous reactions | Will not occur. |

## 11. Toxicological information

| | |
|---|---|
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## 12. Ecological information

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|---|---|
| Ecotoxicity | This material is not expected to be harmful to aquatic life. |
| Persistence / degradability | The methods for determining the biological degradability are not applicable to inorganic substances. |
| Bioaccumulation / accumulation | Not expected to bioaccumulate. |
| Mobility in environmental media | This material is insoluble in water and will sink in the marine environment. |

## 13. Disposal considerations

N/A

## 14. Transport information

N/A

## 15. Regulatory information

N/A

## 16. Other information

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.

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