

# Material Safety Data Sheet

Drilling Starch (RXSOL-81-8126-025)



## 1. Product and Company Identification

Product Name Drilling Starch  
Product Type RXSOL-81-8126-025

### Company Details:

RX MARINE INTERNATIONAL  
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## 2. Composition / information on ingredients

| Name   | CAS#      | % by Weight |
|--------|-----------|-------------|
| Starch | 9005-25-8 | 100         |

## 3. Hazards Identification

### Potential health effects

|            |                                                                                           |
|------------|-------------------------------------------------------------------------------------------|
| Eyes       | Dust or powder may irritate eye tissue.                                                   |
| Skin       | Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. |
| Inhalation | Dusts of this product may cause irritation of the nose, throat, and respiratory tract.    |
| Ingestion  | No hazard in normal industrial use.                                                       |

## 4. First Aid Measures

|              |                                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------------------------|
| Eye Contact  | Rinse immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists. |
| Skin Contact | Remove contaminated clothing. Wash off with soap and water. Get medical attention if irritation develops or persists.     |

|                |                                                                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation     | Remove to fresh air. Call a physician if symptoms develop or persist.                                                                                              |
| Ingestion      | If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If ingestion of a large amount does occur, seek medical attention. |
| General advice | If you feel unwell, seek medical advice (show the label where possible).                                                                                           |

## 5. Fire-fighting Measures

|                                       |                                                                                                 |
|---------------------------------------|-------------------------------------------------------------------------------------------------|
| Flammable properties                  | Dusts may form an explosive mixture with air.                                                   |
| Hazardous combustion products         | Carbon monoxide, carbon dioxide, various hydrocarbon fragments as well as thick smoke.          |
| Extinguishing media                   |                                                                                                 |
| Suitable extinguishing media          | Dry chemical, foam, carbon dioxide                                                              |
| Unsuitable extinguishing media        | Water may create a slip hazard with product.                                                    |
| Protection of firefighters:           |                                                                                                 |
| Protective equipment for firefighters | Firefighters should wear full protective clothing including self contained breathing apparatus. |

## 6. Accidental Release Measures

|                           |                                                                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions      | Wear appropriate protective equipment and clothing during clean-up.                                                                                                                                                        |
| Evacuation procedures     | Keep unnecessary personnel away.                                                                                                                                                                                           |
| Environmental precautions | Prevent further leakage or spillage if safe to do so.                                                                                                                                                                      |
| Methods for containment   | Stop the flow of material, if this is without risk.                                                                                                                                                                        |
| methods for cleaning up   | Product becomes slippery and difficult to handle when wet; spills are best handled while still dry. Sweep up and collect dry product. Vacuum or sweep up material and place in a disposal container. Avoid dust formation. |

## 7. Handling and Storage

**Handling** Do not get this material in your eyes, on your skin, or on your clothing. Avoid dust formation. Keep this product from heat, sparks, or open flame. Wash hands after handling and before eating.

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls and personal protection

#### Occupational exposure standards

|                                |                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------|
| Personal exposure limit        | STARCH: LT OES=10 mg/m <sup>3</sup>                                                                  |
| Engineering controls           | Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.        |
| Personal protective equipment  |                                                                                                      |
| 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         | Dust safety masks are recommended when the dust concentration is more than 10 mg/m <sup>3</sup> .    |
| General hygiene considerations | Wash hands before breaks and immediately after handling the product.                                 |

## 9. Physical and chemical properties

|                                                |                                        |
|------------------------------------------------|----------------------------------------|
| Appearance / Color / Form                      | Powder. Off-white. Solid.              |
| Odor                                           | Slight.                                |
| Clarity                                        | Not available                          |
| Odor threshold                                 | Not available                          |
| Physical state                                 | Solid                                  |
| pH                                             | 6 - 8 (10% soln.)                      |
| Melting point                                  | Not available.                         |
| Freezing point                                 | Decomposes.                            |
| Boiling point                                  | Not available.                         |
| Flash point                                    | Not available.                         |
| Evaporation rate                               | Not applicable.                        |
| Flammability limits in air, lower, % by volume | Not applicable.                        |
| Flammability limits in air, upper, % by volume | Not available.                         |
| Vapor pressure                                 | Not available.                         |
| Vapor density                                  | Not available.                         |
| Specific gravity                               | Not available.                         |
| Relative density                               | 500 - 700 kg/m <sup>3</sup> @ 20 Deg C |
| Solubility                                     | Soluble in water.                      |
| Octanol/H <sub>2</sub> O coeff                 | Not available                          |
| Auto-ignition temperature                      | Not available                          |
| Decomposition temperature                      | Not available                          |
| Percent volatile                               | 1 %                                    |

## 10. Stability and reactivity

|                                    |                              |
|------------------------------------|------------------------------|
| Chemical stability                 | Stable at normal conditions. |
| Conditions to avoid                | Exposure to moisture.        |
| Possibility of hazardous reactions | Will not occur.              |

## 11. Toxicological information

|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| Potential health effects |                                                                                           |
| Eyes                     | Dust or powder may irritate eye tissue.                                                   |
| Skin                     | Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. |
| Inhalation               | Dusts of this product may cause irritation of the nose, throat, and respiratory tract.    |
| Ingestion                | No hazard in normal industrial use.                                                       |

## 12. Ecological information

|             |                                                              |
|-------------|--------------------------------------------------------------|
| Ecotoxicity | This material is not expected to be harmful to aquatic life. |
|-------------|--------------------------------------------------------------|

## 13. Disposal considerations

### Disposal instructions:

This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

## 14. Transport information

NA

## 15. Regulatory information

## 16. Other information

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