

## Degresol Silica Gel

Part No. RXSOL-16-3741-0253 — Generated 10 Oct 2026

## 1. Product and Company Identification

|              |                     |
|--------------|---------------------|
| Product Name | DEGRESOL SILICA GEL |
|--------------|---------------------|

### Company Details:

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

Phone +91 22 65113333/ 5555 / 9999 / 27611360 / 27815540

Fax +91 22 2781 1318 ::::AOH :0091 9322594669

Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / information on ingredients

| Component | Silica Gel |
|-----------|------------|
|-----------|------------|

CAS-No. 7631-86-9

COMPOSITION COMMENTS:

Active ingredient: 95-100%.

### 3. Hazards Identification

CLASSIFICATION : Not Hazardous

#### 4. First Aid Measures

**INHALATION:** Move the exposed person to fresh air at once. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

**INGESTION:** Rinse mouth thoroughly. Drink plenty of water. Get medical attention if symptoms appear.

**SKIN CONTACT:** Wash skin thoroughly with soap and water for several minutes. Get medical attention if irritation persists after washing.

**EYE CONTACT:** Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

## **5. Fire-fighting Measures**

**EXTINGUISHING MEDIA:**

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

**PROTECTIVE MEASURES IN FIRE:**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## **6. Accidental Release Measures**

**PERSONAL PRECAUTIONS:**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust.

**SPILL CLEAN UP METHODS:**

Remove spillage with the vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid the formation of dust. Dampen spillage with water if necessary.

## **7. Handling and Storage**

**USAGE PRECAUTIONS:**

Avoid spilling, skin and eye contact. Avoid inhalation of dust. Do not eat, drink or smoke when using the product.

## STORAGE PRECAUTIONS:

Store in tightly closed original container in a dry, cool and well-ventilated place.

## 8. Exposure controls and personal protection

### PROTECTIVE EQUIPMENT:

#### PROCESS CONDITIONS:

Provide eyewash station.

#### ENGINEERING MEASURES:

Provide adequate general and local exhaust ventilation.

#### RESPIRATORY EQUIPMENT:

Wear suitable respiratory protection.

#### HAND PROTECTION:

Wear protective gloves.

#### EYE PROTECTION:

No specific eye protection noted, but may be required anyway.

#### HYGIENE MEASURES:

Wash at the end of each work shift and before eating, smoking and using the toilet.

Information on basic physical and chemical properties:

## 9. Physical and chemical properties

|                                |                              |
|--------------------------------|------------------------------|
| APPEARANCE                     | Granules or beads.           |
| COLOUR                         | Custom : White, Blue, Orange |
| ODOUR                          | Odourless                    |
| SOLUBILITY                     | Not soluble in water.        |
| DECOMPOSITION TEMPERATURE (°C) | >1600                        |

## 10. Stability and reactivity

MATERIALS TO AVOID:

STABILITY: Stable under normal temperature conditions and recommended use.

## 11. Toxicological information

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Route of Entry                                   | Inhalation. Ingestion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Toxicity to Animals                              | WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 4090 mg/kg [Rat]. Acute toxicity of the dust (LC50): 1200 mg/m <sup>3</sup> 2 hours [Mouse].                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Chronic Effects on Humans                        | May cause damage to the following organs: upper respiratory tract, skin, eyes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Other Toxic Effects on Humans                    | Hazardous in case of skin contact (irritant), of ingestion, of inhalation (lung irritant).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Special Remarks on Toxicity to Animals           | LDL (Lowest Published Lethal Dose) [Man] - Route: Oral; Dose: 714 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Special Remarks on Chronic Effects on Humans     | May cause adverse reproductive effects based on animal test data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Special Remarks on other Toxic Effects on Humans | Acute Potential Health Effects: Skin: Causes skin irritation with possible burns depending on the concentration, site (abraded or intact skin), and duration of exposure. Eyes: Causes eye irritation and possible burns. Concentrated solutions may cause permanent corneal injury (permanent corneal opacity). Ingestion: Sodium carbonate ingestion may cause irritation of the digestive tract resulting in nausea, vomiting, diarrhea, thirst, abdominal pain depending on concentration and amount ingested. May also affect the cardiovascular system . Inhalation: Dust may cause respiratory tract and mucous membrane irritation with coughing and shortness of breath (dyspnea), pulmonary edema. Chronic Potential Health Effects: Chronic inhalation may result in decreased pulmonary function, nasal congestion, nosebleeds, perforation of the nasal septum. Other effects of chronic exposure are skin (dermatitis and ulceration), and gastrointestinal complaints. However, the effects of chronic exposure seem to be reversible if exposure is decreased. |

## 12. Ecological information

|                                    |                                                                                                                                                                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity                           | Toxicity to fish :static test LC50 <i>Lepomis macrochirus</i> (Bluegill sunfish): 300 mg/l; 96 h (ECHA)<br>Toxicity to daphnia and other aquatic invertebrates semi-static test EC50 <i>Ceriodaphnia dubia</i> (water flea): 220 - 227 mg/l; 48 h |
| Process of degradability           | The methods for determining the biological degradability are not applicable to inorganic substances.                                                                                                                                              |
| Bioaccumulative potential          | Partition coefficient: n-octanol/water. Not applicable                                                                                                                                                                                            |
| Mobility in soil                   | No Information available.                                                                                                                                                                                                                         |
| Results of PBT and vPvB assessment | Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.                                                                                                                                       |
| Other adverse effects              | Discharge into the environment must be avoided.                                                                                                                                                                                                   |

## 13. Disposal considerations

|                 |                                                                                                                                                                                                                    |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste treatment | Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 14. Transport information

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| DOT Classification               | Not a DOT controlled material (United States). |
| TDG                              | Not regulated                                  |
| IATA                             | Not regulated                                  |
| IMDG/IMO                         | No regulated                                   |
| Identification                   | Not Applicable                                 |
| Special Provisions for Transport | Not Applicable                                 |

## 15. Regulatory information

|                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety, health and environmental regulations/ legislation specific for the substance or mixture | Authorisations and/or restrictions on use Disodium decahydrate CAS-No.: 1303-96-4 Candidate List of Very High Concern for Authorisation for reproduction Authorisation Toxic for reproduction ED/30/2010 Disodium tetraborate decahydrate CAS-N Candidate List of Substances of Very High Concern fo Toxic for reproduction (article 57c) ED/30/2010 |
| Chemical safety assessment                                                                      | For this product a chemical safety assessment is not applicable                                                                                                                                                                                                                                                                                      |

## 16. Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if RX Marine International has been advised of the possibility of such damages.

**DISCLAIMER OF LIABILITY** :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.