

# REC DNS

## 1. IDENTIFICATION

**PRODUCT NAME:** REC DNS

**DESCRIPTION:** SOIL STABILIZER

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature: Water based dispersion of butadiene styrene copolymer – CAS Number: 9003-55-8

Hazardous components: none according to EU directive 1999/45/EC

## 3. HAZARDS IDENTIFICATION

Critical hazards to man and the environment: none according to EU directive 1999/45/EC

## 4. FIRST-AID MEASURES

|                     |                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation of vapor | Remove to fresh air. In severe cases seek medical attention.                                                                                           |
| Skin contact        | Prolonged contact may cause irritation. Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical attention if symptoms persist. |
| Eye contact         | May cause temporary irritation. Irrigate with water for 15 minutes holding eyelid open. Seek immediate medical attention.                              |
| Ingestion           | May cause nausea. Seek immediate medical attention. Do not induce vomiting.                                                                            |

## 5. FIRE-FIGHTING MEASURES

**Hazards during fire-fighting:**

The product is water based and is not combustible.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal protection:** Refer to Section 8.

**Environmental precautions:** Prevent product entering soil, natural waters and drains.

**Methods for cleaning and taking up:** Large spillages should be contained and pumped into a receiving vessel. Small spillages should be absorbed on inert absorbent. For disposal methods refer to Section 13.

## 7. HANDLING AND STORAGE

### HANDLING

No special precautions necessary. Observe good housekeeping practice. Keep workplace well ventilated.

### STORAGE

Store between +5°C and +35°C protected from frost and direct sunlight. Do not use storage vessels or pipe work made of aluminum, copper or their alloys. Detailed advice on storage systems can be provided. Bulk tanks should be regularly cleaned and sterilized.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**General protective measures:** The product may contain low levels of volatile organic compounds or ammonia which may evaporate during application and drying.

**Advice on system design:** Provide good general ventilation in the workplace. Where the product is dried or sprayed, local extraction is recommended.

**Components with workplace parameters:** none according to EU directive 88/379/EC

**Personal protective equipment:**

**Respiratory protection:** If spraying product without local exhaust ventilation, wear a normal dust mask.

**Hand protection:** Impermeable gloves recommended.

**Eye protection:** Safety glasses.

**Skin protection:** In case of severe splashing wear waterproof overalls and boots. Wash with soap and water after handling.

**Hygiene measures:** Do not eat, drink or smoke when handling product.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                     |                                           |
|---------------------|-------------------------------------------|
| Physical form       | Liquid                                    |
| Color               | White                                     |
| Odor                | Faint aromatic                            |
| Flash point         | Not applicable                            |
| Relative density    | 1.0                                       |
| Solubility in water | Insoluble but miscible in all proportions |
| pH                  | 7                                         |
| Viscosity           | 100 – 1000 mPa·s                          |

#### 10. STABILITY AND REACTIVITY

**Stability:** The product is stable under recommended storage conditions – see Section 7.

**Incompatible materials:** None.

#### 11. TOXICOLOGICAL INFORMATION

Long term experience of this product type indicates no danger to health when properly handled under industrial conditions.

#### 12. ECOLOGICAL INFORMATION

**Degradation/elimination:** DOC elimination after 2 days (OECD 302B): 98%. The product can be virtually eliminated from water by abiotic processes, e.g. adsorption onto activated sludge.

**Bioaccumulation:** No evidence for bioaccumulation.

**Ecotoxic effects:** The product is not classified as dangerous for the environment.

#### 13. TRANSPORT INFORMATION

The product is not classified as dangerous for carriage.

## 15. OTHER INFORMATION

Uses: No other information.

*This safety data sheet should be used in conjunction with the product's technical data sheet. It does not replace it. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.*

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