

## Total Viable Count

CBT-A01

According to Regulation (EC) No. 1907/2006

### 1.1. Composition and information on ingredients

**HAZARDOUS COMPONENTS:**

- **Component name:** Sodium 1,5-dichloro-4,6-dioxo-1,3,5-triazin-2-olate dehydrate
- **CAS number:** 51580-86-0
- **Hazard symbols:** Xn; N
- **Risk phrases:** R22-31-36/37

### 1.2. Identification of hazards

- Special indications of danger for man and environment: irritating to eyes, respiratory system and skin. Harmful if swallowed.

### 1.3. First aid measures

- **Inhalation:** Remove the victim to fresh air. If breathing becomes difficult, call a doctor.
- **Skin contact:** Immediately wash skin with soap and water.
- **Eye contact:** Wash with plenty of water for at least 15 minutes. Consult a doctor.
- **Ingestion:** Rinse mouth with water provided person is conscious. Consult a doctor.

### 1.4. Fire-fighting measures

- **Extinguishing media:** Water spray, carbon dioxide, dry chemical powder or foam.
- **Special risks:** Emits toxic fumes in case of fire.
- **Special protective equipment for the Fire Brigade:** Wear breathing apparatus and protective clothing to prevent contact with skin and eyes.

### 1.5. Accidental release measures

- **Procedures for personal protection:** Minimize direct contact with skin and eyes, using personal protective equipment and avoid inhalation of dust.
- **Methods for cleaning:** Collect and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill area after material pickup is complete.

### 1.6. Handling and storage

- **Handling:** Avoid inhalation and contact with eyes, skin and clothing.
- **Storage:** Keep at room temperature in a dry form and away from heat sources.

### 1.7. Personal protection and exposure control

- **Engineering controls:** Safety shower and eye bath. Ensure adequate ventilation.
- **General hygiene measures:** Wash thoroughly after handling.
- **Personal protective equipment:**
  - Airway protection: Wear a dust mask.
  - Hand protection: Wear protective gloves.
  - Eye protection: Wear chemical protective goggles.

### 1.8. Physical and chemical properties

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|--|---|
| · <b>Physical state:</b> Semi-solid              | · <b>Specific weight/Density:</b> No data available       |
| · <b>Colour:</b> Light brown                     | · <b>Partition coefficient:</b> No data available         |
| · <b>Appearance:</b> Grainy                      | · <b>Viscosity:</b> No data available                     |
| · <b>pH:</b> 7 ÷ 7.5                             | · <b>Vapor density:</b> No data available                 |
| · <b>Boiling point:</b> No data available        | · <b>Saturated vapor concentration:</b> No data available |
| · <b>Melting point:</b> No data available        | · <b>Evaporation speed:</b> No data available             |
| · <b>Flash point:</b> No data available          | · <b>Apparent density:</b> No data available              |
| · <b>Ignition temperature:</b> No data available | · <b>Decomposition temperature:</b> No data available     |
| · <b>Oxidising properties:</b> No data available | · <b>Content of solvent:</b> No data available            |
| · <b>Explosive properties:</b> No data available | · <b>Content of water:</b> No data available              |
| · <b>Explosion limit:</b> No data available      | · <b>Surface tension:</b> No data available               |
| · <b>Vapor pressure:</b> No data available       | · <b>Conductivity:</b> No data available                  |
|  | · <b>Water solubility:</b> 50 mg/ml                       |

### 1.9. Stability and reactivity

· <b>Stability:</b>	Stable when stored in dry and away from heat sources
· <b>Materials to avoid:</b>	Strong oxidizing agents
· <b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides, hydrogen chloride gas
· <b>Hazardous polymerization:</b>	None



## 1.10. Toxicological information

- **Acute toxicity:** No data available
- **Carcinogenicity:** No data available
- **Mutagenicity:** No data available

## 1.11. Type of exposure

- Skin contact causes skin irritation. Absorption through the skin may be harmful.
- Eye contact causes eye irritation. If inhaled, this product irritates the mucous membranes and upper respiratory tract.
- The product may be harmful if swallowed.

## 1.12. Ecological information

- No data available.

## 1.13. Disposal of the substance

- After sterilization and inactivation of the reagent, the vial may be disposed of as "sanitary waste non-hazardous" in accord with the DM of 25/5/89. Observe all federal, state and local environmental protection laws.

## 1.14. Transport information

- **ADR:** Non-hazardous for road transport
- **IMDG:** Not dangerous for carriage by sea
- **IATA:** Non-hazardous for air transport

## 1.15. Regulatory information

- **Classification and labeling:** According to European Directives
- **Indications of danger:** Xn: Harmful; N: Dangerous for the environment.
- **Risk phrases:** R36/37/38: Irritating to eyes, respiratory system and skin.
- **Safety advice:** S2-26-46-8-60-61: Keep out of reach of children.  
In case of contact with eyes, rinse immediately with plenty of water and consult a specialist.  
If swallowed, seek medical advice immediately inform him with the packaging or label.  
Keep container dry. Avoid release into the environment.  
Refer to special instructions/safety data sheets.

## 1.16. Other information

- **Guarantee:** The above information is believed to be correct, but can not be exhaustive and shall be used only as a guide. Royal can't be held responsible for any damage resulting from handling or from contact with the product.