

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

- **Product details:**
- **Trade name:** ROTTOSTC
- **Code:** DS502
- **Supplier details**
SETAŞ KİMYA A.Ş.
Çerkezköy Organize Sanayi bölgesi 9.sokak 545500
Tekirdağ – Turkey
Santral@setas.com.tr
- **Emergency telephone number:**
+90 (0282) 7581832

2. COMPOSITION / INFORMATION ON INGREDIENTS

- **Chemical characterization**
High activity, neutral cellulose enzyme, Non-ionic

It has been pre-registered under the REACH Regulation and this textile dye does not contain any of the REACH SVHC substances
CAS No. 9012-54-8

3. HAZARDS IDENTIFICATION

- **Hazard designation**
This material has been classified as non-hazardous for supply



4. FIRST AID MEASURES

- **Eyes:**
Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- **Skin:**
Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
- **Ingestion:**
Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
- **Inhalation:**



Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

- **General Fire Fighting**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

- **Extinguishing Media:**

Water spray, foam, and dry chemical, CO₂.

- **Special Exposure Hazards:**

May burn if involved in fire, releasing irritant/toxic fumes

- **Protective Equipment**

Under fire conditions the use of self-contained breathing apparatus is advised.

Auto ignition Temperature: Not available.

6. ACCIDENTAL RELEASE MEASURES:

- **Personal protection:** Contact with skin and eyes should be avoided. Wear eye protection and impervious gloves

- **Environmental protection:** Do not flush into surface water or sanitary sewer system

- **Methods for cleaning up** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

- **Handling**

When handling all chemicals. Observe good standards of industrial hygiene to avoid swallowing. And eye and skin contact.

- **Storage:** Keep only the original container in a well-ventilated place away from excess heat and cool. Keep container tightly closed. Storage life is 12 months in the original package from the production data

- **Packing:** 25 kg plastic drums

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Ventilation System:**

A system of local and /or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust is recommended to keep employee as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

- **Personal protection:**
- **Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by European Standard EN166.
- **Skin:** Wear appropriate protective gloves to prevent skin exposure
- **Clothing:** Wear appropriate protective clothing to prevent skin exposure.



9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** semi yellowish white powder
- **Odor:** characteristic
- **pH:** 5,5 – 6,5 (in 1% solution)
- **Solubility:** Solvable easily in room temperature warm water.

10. STABILITY AND REACTIVITY

- **Stable under normal conditions**
- **Conditions to Avoid**
Incompatible materials,
- **Incompatibilities with other materials:**
Strong oxidizing agents

- **Hazardous Decomposition**

May produce ammonia, hydrogen chloride and oxides of nitrogen and carbon when heated to decomposition

- **Hazardous polymerization:**
Will not occur

11. TOXICOLOGICAL INFORMATION

- **General Toxicology**
This information has been determined by consideration of toxicological data for components and by animal testing
LD50 oral, rat :>2000 mg/kg

Carcinogenic effect:

Not listed by ACGIH, IARC, NIOSH or OSHA

12. ECOLOGICAL INFORMATION

- **Aquatic toxicity:**
LC50 fish, 96 hour: >100 ppm (OECD 203)
- **General hints:**
Do not introduce into water and soil
It must be treated in a treatment plant before they are passed through a sewerage system or rivers

13. DISPOSAL CONSIDERATION

- **Recommendations:** Recovered material and/or unwanted product should be disposed of by land-fill or incineration at an authorized site in accordance with local regulations



14. TRANSPORT INFORMATION

- **Road transport**

ADR Not classified

RID Not classified

- **Inland waterways transport**

ADNR Not classified

- **Marine transport**

IMDG-code Not classified

- **Air transport**

ICAO/ IATA-DGR Not classified

Further information

Dispatch by post permitted

15. REGULATORY INFORMATION

- **European Labeling in accordance with GefStoffV/EC**

This material has been classified as non hazardous for supply



Hazard Symbols: Not available

16-OTHER INFORMATION

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

- It gives perfect stone-wash effect by fading color of cotton fabric at finishing stage.
- Setajean Enzyme GR is biological product therefore it is ecological and harmless to human health.

