

Material Safety Data Sheet

STAR ENZYME TOILET DESCALER PRODUCT CODE: 00950015

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: STAR ENZYME TOILET DESCALER

Use of substance / mixture: GENERAL PURPOSE CLEANER CONCENTRATE

Company name: Star International

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Turbine Business Park

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2. HAZARDS IDENTIFICATION

General: There may be mild skin irritation at the site of contact. In the event of contact with the eyes there may be irritation and redness.

Hazard symbol: None.

Environmental hazard: Preparation does not present any danger to the environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical composition: Naturally occurring non pathogenic bacterial cultures, organic acid, inert filler.

CAS Number: Not applicable - product is a preparation.

Contains:	Concentration	Hazard Symbol
Organic acid:	<20%	Xi; R36/38 52/53

4. FIRST AID MEASURES

Exposure by skin contact: Wash affected area with water.

Exposure by eye contact: Flush eyes with water.

Exposure by ingestion: Rinse mouth and throat with water and give sips of water to dilute.

Exposure by inhalation: Remove victim to fresh air.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water, foam, dry chemical or carbon dioxide.

Exposure hazards: None known.

Protection of fire-fighters: Not applicable.

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5. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8.

Environmental precautions: Avoid uncontrolled excessive release to drains.

Clean-up procedures: Sweep up the spillage and transfer to containers labeled in the same way as the original containers.
Small releases should not pose any hazard to the local environment. Wash spillage site with water.

7. HANDLING AND STORAGE

Handling requirements: The material should be handled under good housekeeping practices. Wash hands after use. Keep away from drinking water sources.

Storage conditions: Store in a cool and dry place. Avoid freezing temperatures and temperatures above 45°C to preserve biological stability.

Packaging materials: Packaging can be recycled.

8. EXPOSURE CONTROLSION

Engineering measures: None.

Respiratory protection: No special ventilation is necessary.

Skin protection: Not required.

Eye protection: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder in soluble sachet.

Odour: Characteristic.

pH: N/A.

Solubility: Soluble.

10. STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions of use.

Conditions to avoid: Excessive temperature variations, below 0°C or above 45°C.

Materials to avoid: Strong acids or alkali and strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Acute toxic effects: Not determined.

Local effects:

Skin irritation: Not expected.

Eye irritation: Not expected.

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12. ECOLOGICAL INFORMATION

Mobility: The preparation is highly dispersible in water. Product is likely to distribute predominantly to the aqueous environment.

Persistence and degradability: The preparation is not harmful the environment and does not present any dangers in terms of persistency and degradability.

Accumulation: Preparation is not expected to bioaccumulate due to high water solubility.

Ecotoxicity: The preparation has been formulated to cause minimal environmental impact and is not anticipated to pose any environmental hazard.

Other adverse effects: Adverse effects in the sewage treatment plant are not anticipated.

Other information: Contains Class 1 micro-organisms selected from the natural environment.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Dispose of in accordance with local regulations.

Disposal of packaging: Empty packaging can be recycled.

14. TRANSPORT INFORMATION

International Regulations:

Land: Not applicable.

Inland Waterways: Not applicable.

Sea: Not applicable.

Air: Not applicable.

15. REGULATORY INFORMATION

EC Regulations: This preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC. There are no special labeling requirements.

16. ADDITIONAL INFORMATION

Additional information: Explanation of risk phrases which appear on this MSDS but do not have to appear on the product label:

R36/38 Irritating to eyes and skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The information provided is to the best of our knowledge correct and accurate. However, all data instructions and suggestions should be used only for guidance purposes. This company shall not be held liable for any damage resulting from handling or contact with the above product.