



TG-CLEAN A/S

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SAFETY DATA SHEET

SECTION 1:

1.1 Identification of the substance / preparation: TG ZYME AIR

1.2 Use of the substance / preparation: Formulation of non-south-facing liquid

Bacterial culture, designed to biologically control odors

organic, liquid and solid waste.

1.3 Identification of the company / undertaking:

TG CLEAN

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1.4. Emergency

2.COMPOSITION / INFORMATION ON INGREDIENTS

Handels/kemisk navn	Kvantitet %	Symboler	R-sætninger	CAS Nr.	EINEC, ELINCS
SXS stepanat	1-2	Xi	R36/37/38	1300-72-7	N/A
Citronsyre	1-1.5	Xi	R41	77-92-9	N/A

3. HAZARD IDENTIFICATION

3.1 Harmful to humans (inhalation, ingestion, skin and eye contact):

Major hazards: The preparation is not classified as dangerous according to EU Directive 1999/45 / EC

3.2 Danger to the environment: see section 12.

4. FIRST AID

4.1 In case of inhalation: Injury is released to fresh air and medical attention is sought depending on symptoms.

4.2 In case of skin contact:

Rinse the skin gently with running water and mild soap for a few minutes.

Remove contaminated clothing immediately. In case of irritation seek medical advice. They used

microorganisms are non-pathogenic but can cause inflammation in the event of

contact with an open wound.

4.3 In case of exposure to the substance:

The eye is immediately caused by plenty of water for a few minutes. In case of irritation seek medical advice.

4.4 In case of ingestion: Drink water. Seek medical advice.

5. FIRE FIGHTING MEASURES

5.1 Recommended Extinguishing Media:

Water, foam, dry powder and carbon dioxide can be used.

5.2 Extinguishing media which must not be used:

None

5.3 Special fire and explosion hazards:

In case of fire, carbon oxide and nitrogen may be formed.

5.4 Special protective clothing for firefighting personnel:

A complete safety suit and respirator independent of it must be worn ambient air.

6. ACCIDENTAL RELEASE MEASURES

6.1 Precautions for individual protection:

Keep people away from the scene of the accident. Wear goggles, gloves and protective clothing (eg waterproof cauldron). Wear masks that comply with the standard EN405 FFA1. see section 8.

6.2 Environmental precautions:

Do not allow the substance to run into the sewer system.

6.3 Methods for cleaning up / collecting:

Stop the leak at the source to limit soil and water pollution. Capture and suction

the discharge by means of suitable absorbent material (eg soil, sand) or one vacuum pump. Transfer the collected material into waste containers with the same label like the original containers. Wash the places with water and detergent. Small amounts are not dangerous to the environment.

7. HANDLING AND STORAGE

7.1 Handling:

Precautions: The fabric should be handled in compliance with industrial hygiene rules and i . . . compliance with local regulations to limit any unnecessary exposure.
for the fabric.

Technical precautions: The use of gloves restricts contact with the preparation.

Special requirements: None

7.2 Storage:

Special requirements for the place of storage: None

Incompatible substances: Strong bases or acids can alter the activity of bacterial cultures. Avoid strong ones. . . . oxidants. Do not store in metal containers.

Storage conditions: Store in cool, dry and well-ventilated surroundings. Keep the packaging completely sealed when not in use. Avoid temperatures below 0°C and above 45°C to preserve the biological stability of the preparation.

Quantity restrictions: None

Packaging: Do not store in metal packaging

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment After assessing the risk of exposure, the user decides

Protective equipment for the individual and whether to take action

technical control precautions. The ordinary ones

protection precautions listed below must be complied with

to the toxicological information.

8.1 Respiratory protection: No special ventilation requirements. But if the local equipment does not

it is possible to maintain concentrations of the suspended products below it

acceptable threshold - in relation to the information available and in the absence of

occupational exposure limit - it is recommended to use respiratory protection in

conforming to the EN405 FFA1 standard

8.2 Hand protection: Avoid frequent skin contact and prolonged contact, especially if you have

wound. Use PVC or rubber gloves according to standard EN374. Brides of

gloves must not exceed the duration of the glove's resistance,

as specified by the manufacturer.

8.3 Eye protection: At the beginning of treatment, it is recommended to wear

goggles to prevent the substance from coming into contact with the eyes. (glasses

with side protection BS2092 or EN166).

8.4 Skin / body protection: Protective equipment and special clothing are generally not required. Avoid

all contact with damaged skin. However, all frequent or repeated handling should

minimized by wearing protective clothing that is effective against chemical

products in accordance with the standard EN368.

8.5 Technical precautions: Use a local ventilation that ventilates to reduce exposure

composition.

8.6 Special control parameters: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Texture: Liquid

Color: Slightly blurred to transparent

Odor: Flowers

pH: 7.0 - 9.0

Boiling point / Boiling range: 100 ° C

Melting point / range: Not specified

Flash point Not specified

Self-ignition: Not specified

Explosion hazard: The product is not explosive based on the chemical products it contains

Oxidizing properties: Not indicated

Vapor pressure: Equivalent to water

Relative density: Approx. 1 @ 25 ° C

Solubility - water soluble

Solubility - in oil Not specified

Partition coefficient n-octanol / water: Not specified

Other data: none

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid: Large temperature differences (below 0 ° C and above 45 ° C)

10.2 Substances to avoid: Strong acids, alkali-containing substances and strong oxidizing agents which can neutralize the activity of biological cultures.

10.3 Hazardous solvents: Not indicated

11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity: Not indicated

11.1.1 Ingestion, LD50 by mouth - rats (mg / kg): Not indicated

11.1.2 Inhalation, CL50 inhalation - rats (mg / l / 4h): Not indicated 11.1.3 Skin, DL50 on the skin - rat (mg / kg): Not indicated

11.1.4 Eye irritation Not indicated

11.2 Chronic toxicity: 11.2.1 Sensitization Not specified Prolonged or repeated contact may cause skin and eye irritation / hypersensitivity. For people with allergies, this can occur the redness of the hands and forearms. The product is composed of a number of specially developed microorganisms from the environment, and is known to be non-harmful to humans, animals and plants. When handling the preparation, it is recommended to apply patch to the skin

12. ENVIRONMENTAL INFORMATION

12.1 Mobility: This preparation has a high solubility in water and a low vapor pressure and therefore dissolves preparation in all aquatic environments.

12.2 Biodegradability: A rapid biodegradation of the preparation is expected. However, there is none information available on anaerobic degradation.

12.3 Accumulation: No biological accumulation is expected given the high levels of the substance solubility in water. Large increase in biomass is unlikely.

12.4 Ecotoxicity: This preparation is not known to be hazardous to the environment.

No specific ecotoxicological data are available on soil, plant and organisms animals living on earth.

12.5 Other effects: Does not contribute to ozone degradation, photochemical ozone creation or the greenhouse effect. Has no detrimental effect on urban cleaning systems.

12.6 Other information: Class 1 microorganisms (European Biotechnology Federation) selected from the environment.

12.7 VwVws (17.05.99) WGK 2

13. DISPOSAL CONSIDERATIONS

13.1 Concerning the substance / preparation / residues: Can be disposed of by burning, as waste or excreted in the sewer system in compliance with applicable local regulations

13.2 Regarding packaged packaging: Can be disposed of by burning or as waste in accordance with applicable local regulations.

14. TRANSPORT INFORMATION

International regulations Land transport: No applicable regulations

Sea transport: No applicable regulations

Air transport: No applicable regulations

Class One: None

Local regulations: Observe the applicable local transport regulations

15. REGULATORY INFORMATION

EU regulations: The preparation is not classified as dangerous according to Annex VI of Directive 67/548 / CEE and according to the EU Directive 1999/45 / EC. The necessary labeling is therefore the following: Symbols: None R-phrases: None S-phrases: None Local regulations: Please refer to applicable local law.

This product is in compliance with the Biodegradability of Tensio Assets.

16. OTHER INFORMATION

VwVws: German provision assessing the danger of water:

Version 2: Revised Items: 1-16 - 01/02/2003

The information above is based on our current knowledge. They are given in good faith. Moreover, the user's attention is drawn to them any risks that may arise when a product is used for anything other than what it is intended for.