

Agrozyme Pure

Data Sheet



Agrozyme Pure Data Sheet

Overview

- **AGROZYME PURE Wastewater Treatment Bioreagent** uses a 100% natural non-toxic formulation that clears up wastewater, lowers FOG, controls sludge and eliminates odor.

Product Description

- **AGROZYME PURE** is a highly concentrated mixture of bioreagents designed specifically for degrading organics, ammonia and other chemicals in mixed wastewaters.
- **AGROZYME PURE** is formulated with an emphasis on organics, oils and other compounds which can be more difficult to degrade and pose pollution hazards. **AGROZYME PURE** is a product of choice for ammonia reduction.
- **AGROZYME PURE** is a Singapore product and is made in Singapore.

Contact Information

Agrogenics Pte Ltd

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10 Anson Road
#33-17 International Plaza
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Usage Instructions

Wastewater Treatment Bioreagent

- Best applied with the consultation from our technical team as dosages depends on treatment systems, BOD/COD, type and concentration of organics and mixed chemicals, desired outcomes and expectations.

Product Specifications

Agrozyme Pure is a blend of microbial enzymes:

- Proteases
- Lipase
- Amylase
- Urease
- Cellulase
- Nitrate Reductase
- Various degradative enzyme systems to degrade organics, chemicals and ammonia.

Product Characteristics

- | | |
|------------------------|-----------------------------------|
| ▪ Appearance: | White powder |
| ▪ Temperature Range: | 5°C - 55°C |
| ▪ pH Range: | 6 - 10 |
| ▪ Oxygen Requirements: | Aeration Required |
| ▪ Packaging: | 25kg box (250 x 100g packs) |
| ▪ Shelf life: | 24 months from day of manufacture |

Storage

Keep material and container tightly closed. Store at dry, cool conditions. Keep out of direct sunlight. Best storage temperature range from 5°C - 55°C.



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Product Description

- **AGROZYME PURE** is a mixture of microbial enzymes in powder form.
- **AGROZYME PURE** is ideal for Aerated Treatment Units, Package Sewage Systems and Wastewater Pre-Treatment Systems as well as larger WWTPs that handles high levels of chemical components and ammonia.

Product Application

- **Agrozyme Pure** is best applied with the consultation from our technical team as dosages depends on treatment systems, BOD/COD, type and concentration of organics and mixed chemicals, desired outcomes and expectations.

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Product Benefits

Routine use of **Agrozyme Pure** will:

- Reduce Wastewater BOD & COD
- Reduce Suspended Wastewater Odor
- Lower FOG
- Reduce Wastewater Sludge Volume
- Reduce Wastewater Ammonia
- Improve start up and recovery from shock loading

Application:

Agrozyme Pure is best applied with the consultation from our technical team as dosages depends on treatment systems, BOD/COD, type and concentration of organics and mixed chemicals, desired outcomes and expectations.

Example of usage:

Agrozyme Pure was added at upstream of the treatment plant at the rate of 7.5 parts per million flow.

Agrozyme Pure Applications

Agrozyme Pure is used for:

- Breaking down:
 - Organics
 - Oils, Grease
 - Ammonia Reduction
 - Other compounds which are difficult to degrade and pose pollution hazards
- Aerated Treatment Units
- Package Sewage Systems
- Wastewater Pre-Treatment Systems
- Large WWTPs that handle high levels of chemical components and ammonia



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