



Akiki Engineering Est.

*Water & Steam Experts*



## 2.1. Bio-Chemicals Catalogue

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## ALCD002, Liquid for Degrading Organic Residues



### Areas of Applications:

- Restaurants and agroalimentary industries
- Sewer systems
- Drains and waste water pipes
- Grease trap applications
- WC surfaces
- All surfaces carrying organic deposits

### Features:

- Rapid and in depth action thanks to the synergetic action of bacteria, enzymes and nutrients.
- Provides rapid start-up of grease traps.
- Allows grease traps to work better and longer with reduced service.
- Maintains lines clean and free flowing, controls odors and has a long shelf life.

### Features:

- Stops foul odors and has a pleasant perfume
- Decomposes the grease deposits on the inner surfaces of waste water pipes and digests the organic matters

### Properties

- Neutralizes the foul odors generated by anaerobic microorganisms
- Postpones the period of cleaning and degreasing of traps and connected piping
- Decomposes the grease deposits on the inner surfaces of waste water pipes
- Digests the organic matter

### Composition

- Presentation: Liquid
- Smell: Pleasant
- Color: Light brown to light green
- Non-pathogenic microorganisms
- PH value in saturated solution: 5.5
- Case of 6 bottles x 1 liter
- Density: 1+/- 0.05

### Packaging

- Powdered formulation
- 25 and 200 liters drums
- Case of 6 bottles x 1 liter
- Liquid in 5lt, 20lt and 30lt plastic packs and 200lt drums.

### Safety

- Does not require any special precaution.

## ADCDD003, Powder for Degrading Organic Residues



### Features:

- Rapid and in depth action thanks to the synergetic action of bacteria, enzymes and nutrients.
- Provides rapid start-up of grease traps.
- Allows grease traps to work better and longer with reduced service.
- Maintains lines clean and free flowing, controls odors and has a long shelf life.

### Features:

- Stop H<sub>2</sub>S odor and protect the system from H<sub>2</sub>S corrosion.

### Properties

- Stops foul odors from grease traps
- Degrades the trapped grease starch and other organic substances
- Prevents blockings in waste water pipes

### Composition

- Presentation: Micronised powder
- Smell: None
- Color: Off white
- PH value in saturated solution: 6.5-7.5
- Microorganisms with long lasting effect fixed on mineral supports
- Density: 0.9-1
- Granulometry: 160 microns

### Packaging

- Powder in jars of 1kg and buckets of 5kg.

### Safety

- Does not require any special precaution.

### Areas of Applications:

- Waste pits, waste water pipes and sewer systems.
- Grease traps and pumping stations.

## ALCD003, Odor Removal



### Features:

- Immediate action thanks to its perfumed formulation.
- In depth action thanks to its microorganisms capable of digesting complex fat matters, grease, oils, cellulose, proteins and starch
- Dissolves and turns into liquid the organic fouling which would be responsible for blockages in the pipe
- Reduces or eliminates foul smells from pipes, traps and lines in all sanitary systems

### Properties

- Neutralizes the foul odors generated by anaerobic microorganisms
- Postpones the period of cleaning and degreasing of traps and connected piping
- Decomposes the grease deposits on the inner surfaces of waste water pipes
- Digests the organic matter

### Areas of Applications:

- Sanitary systems
- Septic Tanks
- Drains and Lines
- Refuse containers
- Hotels, restaurants, clinics, nursing homes, schools and colleges
- Waste water pipes
- WC surfaces

### Composition

- Presentation: Liquid
- Smell: Pleasant
- Color: Light brown to light green
- Non-pathogenic microorganisms
- PH value in saturated solution: 5.5
- Case of 6 bottles x 1 liter
- Density: 1+/- 0.05

### Packaging

- Powdered formulation
- 25 and 200 liters drums
- Case of 6 bottles x 1 liter
- Liquid in 5lt, 20lt and 30lt plastic packs and 200lt drums.

### Safety

- Does not require any special precaution.

## AU 509 & DC2000GL, Descaler & Abiosock

DC2000GL



AU 509



AU 509



### AU 509 Applications:

- Descaling of toilet bowls, toilet systems
- Descaling of drain and lines
- Slow drains
- Sewer lines
- Lifting station
- Sewage treatment plant (collection system, sewage plant)

### AU 509 Features:

- Immediate action due to its chemical composition
- Secondary action due to its micro-organisms capable of digesting fat, grease and oil found in toilets, drains and lines
- Avoid dismantling of drains and lines and other equipments when used either on a preventative or curative basis

### AU 509 Packaging Features:

- Watersoluble sachets
- Cartons of 100 sachets (100 x 50g)

### AU 509 Composition Features:

- Presentation: Powder formulation based on bacterial strains and enzymes
- Color: Light Grey
- Smell: None
- Specific Gravity: 1.2/1.3
- PH at 1 % : 1.5
- Completely soluble composition

### DC2000GL Features:

- Contribute to a better working of sewer lines and treatment plants in maintaining biological equilibrium
- Avoid formation of grease deposits
- Allow control of odor in destroying odor causes
- Good stability and long shelf life

### DC2000GL Packaging Features:

- Tissue sack based on microorganisms cultures.

### DC2000GL Composition Features:

- Presentation: Sack containing microorganisms
- Smell: None
- Non-pathogenic microorganisms

### AU 509 & DC2000GL Safety

- Does not require any special precaution.