



## BIOACTIVE LIQUID™

### DESCRIPTION

**BIOACTIVE LIQUID** is a special-formulated mixture that contains, among other ingredients, micro-organisms in liquid suspension and biosurfactants produced by selected and adapted strains as well as mint essential oil.

**BIOACTIVE LIQUID** main property is that unclogs, cleans and sanitizes vertical piping. It eliminates greasy deposits, soap and organic matter obstructing vertical piping, as well as the bad odors associated. It works efficiently for the cleaning of restrooms (toilets), vacuum toilets, bathing rooms, storage rooms, kitchen sinks, collection lines, and in general in all waste water circuits of the vessel.

Furthermore, its concentrated scent provides the added advantage of being an odor eliminator.

### ADVANTAGES AND CHARACTERISTICS

- ◆ Cleans piping by eliminating scale and deposits hardened by sedimentation.
  - ◆ Unclogs and maintains clearways in pipelines and sewage sanitary systems.
  - ◆ Restores the flow by eliminating grease and organic matter obstructing the passage.
  - ◆ Destroys the source of odors and leaves a pleasant mint fragrance.
  - ◆ Environmentally safe and completely biodegradable.
  - ◆ No effects on rubber, metal or plastic compounds.
  - ◆ May be used in combination with other cleaning products.
  - ◆ Cost effective, easy to handle and apply.
  - ◆ Brings aerobic flora that maintains clean piping, increases the lifespan of piping and prevents blocked piping in the future.
  - ◆ Guarantees long-lasting protection against corrosion.
  - ◆ Works in places where mechanical methods are inefficient.
- ▶ **BIOACTIVE LIQUID** is not harmful to the marine environment as per MARPOL MEPC 63 Annex V Amendment [MEPC. 71/17/Add.1 Annex 21, Resolution MEPC 295 (71)].

### PHYSICAL PROPERTIES

**BIOACTIVE LIQUID** is a mixture (green liquid) that contains, among other ingredients, micro-organisms in liquid suspension and biosurfactants produced by selected and adapted strains as well as mint essential oil.

**BIOACTIVE LIQUID** must be used under the following parameters:

**Temperature** : 10°C - 50°C

**pH value** : 4.5 - 9.0

**BIOACTIVE LIQUID** pH value is 5.5 - 6.0.

### PACKAGING

**Order Number** : 550510 (5 lt)

**Container** : Plastic pail

### APPLICATION AND USE

#### DOSAGE

##### STARTING/RESTARTING PHASE/SATURATION

100 ml applied for 3 consecutive days per piping. Then use the recommended dosage for maintenance, as described below.

##### MAINTENANCE

50 ml applied once a week per piping.

#### DIRECTIONS OF USE

##### STARTING/RESTARTING PHASE/SATURATION

Empty the sink the most proper way. Apply the product in the evening. Wait for 2 hours or the whole night and rinse with hot water.

##### MAINTENANCE

- ◆ Ready to use product.
- ◆ Shake before use.
- ◆ Pour **BIOACTIVE LIQUID** into warm water before application.
- ◆ Pour the entire dosage at the top of piping or in the drain.



### ► PRECAUTIONS FOR USE

Do not use any bactericidal 2 hours before and 2 hours after applying the product.

Apply when effluent is lowest (when installations are least in use).

Use of any additional acidic, alkaline or chlorine-based cleaner is not recommended, as will de-activate the bacterial action.

### ► IMPORTANT NOTE

**BIOACTIVE LIQUID** is certified not to contain any pathogenic bacteria (class 1 E.F.B.), safe for mankind, flora and fauna in accordance with the European directive 2000/54/CE.

## ! SAFETY AND HANDLING

<b>HANDLING</b>	Handle with care. Store in a dry, cool and well ventilated environment.
<b>SAFETY</b>	IMMEDIATE ACTIONS
<b>Eye Contact</b>	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
<b>If Swallowed</b>	Avoid ingestion. Otherwise, consume a considerable quantity of water. Do not induce vomiting. Seek medical attention immediately.
<b>GENERAL INSTRUCTIONS</b>	Keep out of reach of children. Avoid mishandling.

 **Read the Material Safety Data Sheet before using this product.**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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