

**LUBACIN A-TR-N**  
**Legionella disinfectant / Base**  
**quaternary ammonium**

### CHARACTERISTICS

LUBACIN A-TR-N is a powerful bactericidal disinfectant formulated specifically for disinfecting and maintenance of water in cooling towers. It meets the test conditions at 30 °C against the Legionella pneumophila serogroup, interfering substance of yeast extract (0.01%) during 15 hours (maintenance) and at a concentration of 0.1% for 60 minutes (shock). It acts as biocidal, eliminating the layer of microorganisms generated in the walls of the circuit.

### HOW TO USE

In order to obtain the greatest effectiveness the installation must be free of deposits and organic matter. Dilution in water of the circuit through dosing pump. To perform the disinfection of the facilities it is necessary to firstly clean them and remove limescale and rust with DEFORT DDA-20. Then the disinfection can be performed with a dilution between 0.01-0.1 % of LUBACIN ATR-N depending on the degree of dirt and the state of the facilities, thus a concentration of active matter of 10-100 ppm is obtained. This operation can be performed manually.

**Shock dose:** You must add 0.1 liters of product per 1,000 liters of water leaving it recirculate for at least one hour. In order to avoid the proliferation of microorganisms, it must be added 0.1 l of product per 1000 liters of water. **Maintenance dose:** If there is no contribution of water, you must add 0.5 liters of LUBACIN A-TR-N per 10000 liters of water, weekly, so that the circuit contains about 10 ppm of active matter. This product is incompatible with organic materials, anionic compounds, ammonium derivatives and hypochlorite, chromium, lead, aluminium, tin, zinc and their alloys.

**Nº Inscription Plague Registry:** 13-100-06820

### PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Transparent liquid
Colour	Colourless
Odour	Odourless
pH	2.5
Density (20°C)	990 kg/m <sup>3</sup>
Solubility	Soluble in water

### PRESENTATION

10 and 20 litres container

### PRECAUTION

Danger



**Hazard statements:** Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Sens. 1: H317 - May cause an allergic skin reaction.

**Precautionary statements:** P102: Keep out of reach of children. P260: Do not breathe vapours. P264: Wash thoroughly after use. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P363: Wash contaminated clothing before reuse. P391: Collect spillage. P405: Store locked up. P501 Dispose of the contents/containers in accordance with the current legislation on waste treatment. **Supplementary information:** Read the label carefully before using the product. EUH401: To avoid risks to human health and the environment, comply with the instructions for use. Do not ingest. In case of accident, consult the Medical Service of Toxicological Information Tel. 0034 915 620 420.

**Contains:** 10 % Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides and 100% excipients q.s

### ADDITIONAL INFORMATION

While the above information is correct to our criteria, as the conditions of use of the product are beyond our control, we disclaim any responsibility for incorrect use of the product.