



ECO ABL

ANTI-MOULD AND BACTERICIDE SILVER IONS IN PASTE

ECO ABL is an antibacterial in paste with a slight ionising activity, containing salts of silver in the form of nanoparticles in aqueous dispersion.

It produces a permanent, highly bactericidal, fungicide, algicide effect.



ECO ABL

CHARACTERISTICS

It is a well-known fact that silver and some of its salts are good bactericides even in the state of micro-particles, but the economic aspect on one hand and the occurrence of some epidermal trouble have restricted and prevented its spreading. In reality, some of its salts, mixed with some ionizing minerals in the form of nano-particles, fully solve the above-mentioned problems.

Whilst the bactericidal action of traditional products is limited in time, **ECO ABL** makes this action practically unlimited, without any dangerous discharge into the environment. Its uses are various and, just to give some examples of the types of application of a product which is absolutely safe for man, **ECO ABL** is employed in cosmetics as a bactericide in some creams fostering the cicatrisation of wounds and bedsores, and in pharmacology, for the delimitation of epidermic infections of bacterial origin.

USE

Within the limits of the regulations, **ECO ABL** can be used as an antiseptic and/or an active principle in creams and in cosmetics for the treatment of wounds and superficial infections. It can also be used in any liquid or pasty mixture as a contact antibacterial; even if there is not a rule confirming this use; any item immersed into a mixture containing **ECO ABL** is sterilized.

Anyway, this feature is proved by the certificates of the tests carried out about it. The product must always be mixed with care in its original container before use. Remember that it is an aqueous dispersion and not a solution.

DOSAGE

The recommended dosage of **ECO ABL** is normally of 0,2-0.5% on the solid components; whilst the dosage of *Ecotor B*, if added, is 0.5-1.0%.

Anyway, it is advisable to carry out preventive tests on the specific mixtures in order to establish the most suitable and convenient dosage according to the expected results.

STORAGE AND VALIDITY

If **ECO ABL** is stored in a place protected from direct sunshine and frost, in the original containers, it has 12-month validity from the date of the transport document. The product may present light-brown-grey sedimentations which do not jeopardize its efficaciousness, provided that it is used within the terms of time validity.

A slight separation of water does not impair the efficaciousness of the product but requires a good mixing before the collection of the product.

It is advisable to close the container with care after each collection in order to avoid the evaporation of the liquid vehicle.

The technical data reported in this bulletin were obtained with standardised tests or rules or their modifications or according to New Chemical Technology systems. Our technical service can be asked for the methods applied. What is reported in the present bulletin represents the best of our knowledge and experience. Anyway, we advise to carry out preventive tests when using the product differently from indicated. In any case, New Chemical Technology srl do not take any responsibility for any damage or defects caused by the use of their products, since using conditions of their products are not under their control. They also inform that their technical service is at the customers' disposal for any information concerning the right use of their products.

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SPECIFICATIONS

COMPOSITION:

Salts of silver in aqueous dispersion

STATE: *Liquid – paste*

ACTIVE SUBSTANCE: 50%

COLOUR: *White*

DENSITY: $1,45 \pm 0,03 \text{ kg/dm}^3$

SOLUBILITY IN WATER:
Insoluble

STORAGE:

In a place protected from the sun and from frost.

RECOMMENDATION

In the present state of our knowledge there are no special recommendations for the manipulation of **ECO ABL**.

PACKAGING

5 - 10 - 25 kg plastic buckets.