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C 2000

CONCENTRATED DETERGENT SURFACTANT

DESCRIPTION

A surfactant mixture of new formulation, free from phosphates, biodegradable over 90% and easily rinsed. **C 2000** is an aqueous emulsion of anionic and non-ionic surfactants, inorganic chemicals and stabilizing agents, non-corrosive and toxic.

APPLICATIONS

C 2000 is used for the removal of carbonaceous, greasy and oily substances, as well as of proteic material, from stone and ceramic artefacts. It can also be used on glass, rubber, enamel, porcelain, PTFE and other plastic materials, on glass fiber and ivory. Before applying to metals and wood, preliminary tests must be carried out.

ACTION FIELD

C 2000 can remove protein substances, also aged, natural and synthetic oils, waxes and tars, polymeric and natural resins, carbon deposits and high boiling hydrocarbons, silicones (oils and fats), sugars, high molecular weight alcohols, gelatins.

ADVANTAGES

- **C 2000** acts by superficial surface-active action, and does not contain oxidants. Therefore it does not fragment the substance to be removed by chemical action, but carries it in solution with an emulsifying action.
- More active against apolar substances than many mixtures of solvents and oxidizing substances.
- Completely removable with water.
- Non-toxic to the operator.
- Cheaper than other used interventions.

METHOD OF USE

It is advisable to carry out preliminary tests to verify the possible consumption and effectiveness. Immersion or contact times must be evaluated from

time to time depending on the material to be removed and the support on which one is going to work.

C 2000 is normally used in concentrations varying from 2% to 5%. A 2% solution has a pH of 12.4. The **C 2000** solutions lose their effectiveness with pH values below 9. In this case it is necessary to add more **C 2000** to restore the pH.

10% solutions can be used to solve the most difficult problems.

- Shake **C 2000** before preparing the appropriate solution. The use of demineralized water is also recommended in the washing and final rinsing operations, if you wish to avoid even the slightest deposit.

- Immerse the object in the prepared solution or apply the same directly in the part to be cleaned with a brush or poultice.

Hot immersion or the use of an ultrasonic cleaner significantly reduces cleaning time.

- In the case of some particularly tough and repellent substances, ethyl alcohol can be added to **C 2000** solution to facilitate removal.

- After removing the dirt, the object must be immediately rinsed to remove **C 2000** solution.

YIELD

Variable depending on the material to be cleaned, the type of dirt and the concentration of **C 2000** used in the solution.

PRECAUTIONS FOR USE

It is recommended to use the necessary personal protective equipment (gloves, protective glasses, suitable clothing). Prolonged contact or immersion without the use of protective gloves may cause excessive drying of the epidermis.

PACKAGING

Containers in high density polyethylene 1 - 5 - 25 liters.

Information contained in this data sheet is based on our state of knowledge and on laboratory testing at the above-specified date. The User should determine, by preliminary tests, the suitability of the product for his intended purpose, and should observe the laws and regulations regarding health and safety. C.T.S. S.r.l. guarantees the constant quality of the product but is not accountable for any damages caused by the incorrect use of a material. The product is intended for **professional use** only. In addition, the components and packaging can change at any time, without any obligation of prior notice.