

# PROXITANE® 0510/1512

Peracetic Acid-Fungicide, Viricidal, Bactericide

## Description

Balanced solution, colorless to slight yellowish, characteristic and strong odor, constituted by peracetic acid, hydrogen peroxide, acetic acid and stabilizing vehicle.

Disinfectant of professional use, for food, sugar and alcohol, pulp and paper industries, textile and tannery.

## Composition

	PROXITANE® 0510	PROXITANE® 1512
Peracetic Acid, %	5	15
Hydrogen Peroxide, %	18	23
Acetic Acid, %	15	16
Stabilizing Vehicle q.s.p., %	100	100

## Specification

	PROXITANE® 0510	PROXITANE® 1512
Active material, % peracetic	min. 5	min. 15

## Registration

Products registered at the Brazilian Ministry of Health as disinfectant for food industry.

## Technical Data

	PROXITANE® 0510	PROXITANE® 1512
Available oxygen, %	9.5	14
Density @ 20 °C, g/ml	1.101	1.12
Flash Point, °C	not applicable	not applicable
Freezing point, °C	-28	-30
Flammability	not applicable	not applicable
Appearance	limpid liquid, free of solid particles in suspension	limpid liquid, free of solid particles in suspension
Validity period	12 months from manufacture date	9 months from manufacture date

## Solubility

Soluble in water at any quantity, as well as polar organic solvents. The solubility in aromatic and halogen hydrocarbons is limited.

Attention: peracetic acid can form dangerous compounds when dissolved in some solvents. Consult PERÓXIDOS DO BRASIL in case of doubt.

## Thermic Stability

	PROXITANE® 0510	PROXITANE® 1512
S.A.D.T (Self Accelerating Decomposition Temperature)	≥ 60°C	≥ 55°C

## Packaging

Drums of high-density polyethylene, with relief valve.

## Transportation

	PROXITANE® 0510	PROXITANE® 1512
AT	air transportation not allowed	air transportation not allowed
ONU number	3149	3109
Risk number	58	539

## Handling and Storage

PROXITANE® can be safely used, since its corrosive and oxidizing properties are taken into consideration. It is recommended the use of protective clothes, PVC gloves, glass protection and mask with filter for acid gases.

The product must be stored in its original package, in cool and ventilated place (if necessary, use forced ventilation), away from sunlight, and heat sources and incompatible materials. The package can become fragile after the validity period.

The storage with combustible materials must be avoided.

## Compatible Materials

The handling of PROXITANE® must always be done using compatible materials. Glass, porcelain, polyethylene, polypropylene and PTFE (Teflon®) are used in laboratory.

For industrial use, it is recommended PVC, polyethylene, stainless steel (ex: AISI 304L, 316 and 316L)

## Incompatible Materials

Concentrated alkalis and acids, reducing and oxidizing substances, salts of heavy metals, dust, ashes, rust, textiles and papers.

Metals: iron, copper, nickel, titanium, lead, manganese, chromo, silver, zinc and its respective alloys.

Rubbers: natural and synthetic.

## Transference

Take from the original package only the quantity necessary for each use. Never return PROXITANE® into the original recipient. When transferring, dosing or making use of product in any other way, use only compatible materials.

When it is necessary to place PROXITANE® in closed recipients or in any part of the installation where the product can be bordered (pipeline, valves, etc.), make sure that they allow the pressure relief or consult PERÓXIDOS DO BRASIL about the recommended Safety Rules.

## Spills

Whenever it is possible, dilute the spills with huge amount of water (50 liters for each liter of PROXITANE®) before discarding on the sewerage.

In huge spills, when it is not possible to dilute (in water) immediately, avoid the spilled product to spread without control.

Absorb this spills with inert absorbent material (ex: sand, vermiculite, Fuller earth, etc.).

After absorption, wash or dilute the material with huge amount of water before discarding it. If it is not possible to proceed as indicated above, and there are only available combustibile materials, such as textiles, papers, etc. wash or dilute immediately the used material with huge amount of water.

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This company has subscribed to the Responsible Care® program of ABIQUIM and is certified by the PRODIR (Responsible Distribution Process) of the ASSOCIQUIM, therefore we are committed to providing our clients and partners with any information and technical support required to set up and operate the safe hydrogen peroxide and peracetic acid storage facilities, as well as answer any questions that may arise.

However it must be borne in mind that it is the responsibility of each client or user to use the information received appropriately, and to ensure that all those directly involved with the product (reception, laboratory, maintenance, process) have been instructed on safe handling, appropriate protection from the products and the observance of the safety standards recommended for the setting up, operation, maintenance or modification of the storage facilities.

The information contained herein has been provided in good faith and is intended to demonstrate, with no commitment on our part, the potential uses of our product. As the way the product will be used is beyond our control, we cannot undertake responsibility for unintended use.

