

Description and Use

Oxysan is a clear colourless liquid with an acetic acid (vinegar) odour. It is used as a no rinse sanitiser in the food industry, and can also be used as a low temperature oxygen bleach and sanitiser in commercial and on premise laundries.

Features and Benefits

Oxysan has a very broad spectrum of activity and can kill bacteria, yeasts and moulds and even bacterial spores.

Oxysan is safe to use on stainless steel equipment and will passivate the surface.

On free draining stainless steel equipment Oxysan can be used as a no rinse sanitiser so there is no risk of recontamination by the rinse water.

Oxysan is decomposed to carbon dioxide and water when it enters the effluent stream and reduces the BOD of the effluent.

In laundries it combines safe oxygen bleaching with disinfection of the linen.

How to Use

In the food industry Oxysan is used to sanitise equipment after cleaning and rinsing. It is important to ensure rinsing is thorough as its efficacy will drop if the pH is above 7.

Use Oxysan at dilutions from 1:100 to 1:500 dependant on the types of organisms to be killed and the contact time and temperature. At 1:500 it gives 100ppm PAA in solution, and 1:100 gives 500ppm.

To kill bacteria use at concentrations from 100 to 300ppm PAA with a contact time of 5 minutes. Yeasts and moulds require contact times of 20 minutes to 1 hour dependant on the organisms involved. Bacterial spores need concentrations between 300 and 500ppm PAA with a contact time of 1 hour.

Oxysan can be used cold, but the contact time can be reduced if a temperature of 40°C is used.

Concentrations can be checked with PAA test strips to ensure the solution is in the correct range.

Oxysan solutions must be prepared fresh each day as they lose strength 2 – 3 hours after diluting. The best method of preparing solutions is to pump the Oxysan into the tank avoiding any manual dosing.

Oxysan is recommended for use on stainless steel equipment. Do not use on aluminium or galvanising or if there is any brass or copper in the system.

For laundry applications Oxysan must be dispensed by a chemical feeder pump. This will be set up by a Dominant technician to give the optimum dose.

Technical Data

Oxysan is an equilibrium mixture of hydrogen peroxide, peracetic acid and acetic acid. The product releases peracetic acid (PAA) once diluted.

Oxysan has a pH of 3.2 in the neat form.

Pack Sizes

20kg Drum

Code: 16620

Dominant Colour Code



Hazard Information & Safety

Oxysan is classified as hazardous according to Safe Work Australia criteria.

R7 May cause fire
R34 Causes burns

Poisons Schedule: 6
Dangerous Goods: 5.1 and 8

Wear chemical resistant gloves, overalls and safety goggles when using Oxysan.

Keep away from any incompatible material such as brass, copper, wood, cardboard or other organic materials. Drums must be rinsed with water before disposal.

