

OXYSAN 15

PAA (Per Acetic Acid) based disinfectant

DESCRIPTION & APPLICATION

OXYSAN 15 is a 15%w/w active solution of Per Acetic Acid (PAA).

OXYSAN 15 is a very effective oxidising disinfectant with a very wide range of microbiological kill activity (readily meeting the current standard, BS EN 1276), even at low temperatures, and breaks down into very low hazard components i.e. acetic acid (vinegar), oxygen and water. As such **OXYSAN 15** has a wide range of applications across the beverage and food industries as a disinfectant and food processing aid and being mildly acidic is suitable for use in all water hardnesses. **OXYSAN 15** is totally non-foaming.

OXYSAN 15 is acidic and hence is particularly suitable in CIP systems for disinfecting vessels where a high carbon dioxide level is maintained e.g. bright beer storage tanks.

USE INSTRUCTIONS

General disinfectant

Use concentration is typically 0.12% v/v **OXYSAN 15**, which gives approximately 200 ppm active peracetic acid (PAA) in solution. **OXYSAN 15** can be applied by spray, soak or fogging methods. It is generally necessary to post rinse after application of **OXYSAN 15** to avoid the risk of tainting (see below for further information).

Food Processing aid

(Fruit and vegetable washing and preparation to improve microbiological condition and shelf-life)

Use up to 80ppm active PAA but typically 0.017%v/v **OXYSAN 15** (25ppm active PAA) at ambient temperature in the wash water followed by a drain down.

A final potable water rinse is optional and is not required unless under soil association / organic production rules.

PAA is FDA approved up to 80ppm as a food contact processing aid with no rinse required, conditions confirmed in the UK by Campden BRI.

1ml **OXYSAN 15**/litre water = 170ppm PAA

PRODUCT CHARACTERISTICS

Composition	Contains an equilibrium mixture of peroxyacetic acid, hydrogen peroxide and acetic acid in water
Appearance	Clear liquid
Colour	Colourless
pH (1% v/v)	2.5-3
Specific Gravity	1.15
Solubility	Soluble in water
Freezing Point	-50°C
Nitrogen (N) content	0 g/kg
Phosphorus (P) content	0 g/kg
COD	408 g/kg
SADT	60°C

MATERIALS COMPATIBILITY

OXYSAN 15 can be used on materials commonly used within the food industry, with the exception of mild steel, carbon steel, galvanised materials and copper and its alloys.

SAFETY

Carefully read the safety data sheet of **OXYSAN 15** and follow the chemical handling and disposal guidance.

STORAGE

Store **OXYSAN 15** in its original packaging between 0°C and 35°C. Always store in original container away from extremes of temperature and out of direct sunlight.
Shelf life: Minimum of one year.

PACKAGING

1100 kg
22 kg

Revision 22/11/2017