



# PERFORM

## Peracetic Acid Sanitiser

### Availability



### Description

Perform is a stabilised formulation of Peracetic Acid in Hydrogen Peroxide providing broad spectrum microbial killing power, including aerobic and anaerobic bacteria and their spores, yeasts, moulds, viruses, including phages, fungi and their spores. There are no known resistant species.

Perform is rapid in its action and can be used safely in some areas where halogen sanitisers may be corrosive. Perform contains no surfactants and is free draining without residues. Perform is beneficial to plant effluent by reducing COD/BOD loadings, while retaining activity in the presence of hard water.

### Typical Properties

Appearance:	Clear colourless liquid with pungent odour
Strength:	Peracetic Acid 5% w/w, Hydrogen Peroxide 25% w/w
Specific Gravity:	1.13 at 20°C
pH:	Approximately 3.2 (1.0% v/v solution)

### Approvals

- MPI Approved C43 (All animal product except dairy). May be used as a no-rinse sanitiser in fish processing areas only. After use, a rinse with potable water is not required but food contact surfaces must be thoroughly drained to minimise residues. When used as a sanitiser in other premises, surfaces must be thoroughly rinsed with potable water before production starts.
- MPI Approved C101 – 88 (all animal product except dairy) as a fogging agent/sanitiser. Remove edible product and packaging material from the room. Food areas must be adequately ventilated and surfaces rinsed with potable water.
- Organic Certified – Permitted BioGro number 4885 CO1
- Kosher

### Applications

- Hard Surface Sanitation: Sanitising all types of stainless steel equipment that have been cleaned and rinsed of residual detergents. External foam sanitation in conjunction with IXOM's Agent 06 foam additive.
- Fogging: Solutions of Perform may be fogged into the atmosphere as well as on walls and floors to kill airborne and surface bacteria. Ideal for chillers.
- Water Treatment: Cooling plant, recovered polished water and wastewater disinfectant (where chlorides, chlorinated organics are undesirable).

Features	Benefits
Exceptional killing power	Improved plant hygiene results, broad spectrum against all organisms including biofilms
Fast acting	Reduced down time
Non foaming	Free rinsing
Chlorine free	Non corrosive to stainless steel
Environmentally acceptable	Rapidly broken down to acetic acid, water and oxygen
Effective over wide temperature range	Effective at cold temperatures (4°C)



### Use Directions

- Plant should be clean and rinsed of soil and detergents.
- Dilute Perform to between 0.1 – 0.5% v/v dependent on the level of organic matter present.
- Rinse plant thoroughly after use with potable water.

For specific information regarding applications for Perform, consult your IXOM Technical Account Manager.

### Storage Requirements

Perform decomposes slowly (Oxygen gas evolution) at room temperature. Never return material back into original container. Containers should be stored away from all other chemicals and away from sources of contamination, heat and direct sunlight\*.

\* Note: Spontaneous decomposition, similar to that of a 30% Hydrogen Peroxide solution, may result in heat and evolution of 100 litres of oxygen gas per litre Perform. Perform is incompatible with mild steel, aluminium, copper and nickel alloys, ABS, neoprene, nitrile and natural rubbers.

### Availability

Perform is available in:	 25kg Jerrycan	 225kg Drum	 1100kg IBC
Material Code:	PERFORM-25	PERFORM-225	PERFORM-1100

### Handling Precautions

- Caution – Contains Peracetic Acid and Hydrogen Peroxide.
- Perform is a powerful oxidising agent and is a strong irritant to eyes, lungs, skin.
- Full protective clothing including face shield and chemical goggles, PVC boots and PVC gloves should be worn when handling Perform. Ensure adequate ventilation, if risk of inhalation exists wear a suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
- A suitable respirator cartridge is either of the following:
  - 3M organic vapour/acid gas (OV, AG)
  - Draeger multi purpose (A2B2E2K1P2)
  - 3M multi purpose type (ABEK2P3)
- Contact with concentrated acids, alkalis, organic material and oxidising/reducing agents may cause spontaneous decomposition.
- Perform solutions must not become trapped, eg between valves due to potential for unsafe gas-pressure build-up.
- An adequate supply of water must be available in storage and handling areas.
- Safety showers and eye wash facilities are strongly recommended.
- Dilute any spills of Perform to less than 3% with water to prevent risk of spontaneous decomposition.

**For further information on PERFORM or other IXOM products and services, please contact your IXOM Account Manager, or Customer Services on 0800 22 22 77.**

We believe this information to be reliable. It is offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control.

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