



PERFORM PLUS

Peracetic Acid Sanitiser

Availability

Description

Perform Plus is a stabilised formulation of Peracetic Acid in Hydrogen Peroxide. **Perform Plus** provides 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 Plus is rapid in its action and can be used safely in some areas where halogen sanitisers may be corrosive. **Perform Plus** contains no surfactants and is free draining without residues. **Perform Plus** is beneficial to plant effluent by reducing COD/BOD loadings. The activity of **Perform Plus** is retained 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

- Halal
- Kosher

Applications

- Hard Surface Sanitation: Sanitising all types of stainless steel equipment that has been cleaned and rinsed of residual detergents. External foam sanitation in conjunction with IXOM's Agent 06 foam additive.
- Membrane Sanitation: Sanitising of ultrafiltration and reverse osmosis filtration plants. Ideal for prevention and control of biofilms.
- Fogging: Solutions of **Perform Plus** may be fogged into the atmosphere as well as on walls and floors to kill airborne and surface bacteria.
- Water Treatment: Cooling plant, recovered polished COW 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 on reverse osmosis filtration plants
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)

Emergency 24hr Phonenumber: 1 800 033 111

Customer Service Number: 1 300 550 036

IXOM

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Use Directions




- Plant should be clean and rinsed of soil and detergents.
 - Dilute **Perform Plus** to between 0.1 – 0.5% v/v dependent on the level of organic matter present.
 - Circulate solutions at ambient (20°C) temperatures for 10 – 30 minutes depending on type of bacteria to be inactivated. **Perform Plus** can be used at higher temperatures up to 70°C with shorter cycles times. Temperatures lower than 20°C will require longer circulation.
 - In some applications **Perform Plus** can be left to free drain, otherwise rinse with potable water.
- For specific information regarding applications for **Perform Plus**, consult your IXOM Technical Account Manager.

Storage Requirements

Perform Plus decomposes slowly (Oxygen gas evolution) at room temperature. Never return material back into original container. Containers should be stored 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 Plus**. **Perform Plus** is incompatible with mild steel, aluminium, copper and nickel alloys, ABS, neoprene, nitrile and natural rubbers.

Availability

Perform Plus is available in:	 22kg Poly	 225kg Drum	 1100kg IBC
Material Code:	PERFORMPLUS-22KG	PERFORMPLUS-225KG	PERFORMPLUS-1100KG

Handling Precautions

- Caution – Contains Peracetic Acid and Hydrogen Peroxide.
- **Perform Plus** 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 Plus**. 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)
- **Perform Plus** 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 Plus** to less than 3% with water to prevent risk of spontaneous decomposition.

For further information on **PERFORM PLUS** or other **IXOM** products and services, please contact your **IXOM** Account Manager, or Customer Services on 1 300 550 036.

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.

PERFORM PLUS 22-05:03

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