

TECHNICAL INFORMATION SHEET:

PERACETIC ACID 5% – HYGIENE

PRODUCT NAME:
PERACETIC ACID 5%

PRODUCT CODE:
PAA5

COMMODITY CODE:
29152900

PACKAGING:
30 KG

Description

Peracetic Acid 5% is a stabilised, equilibrium mixture of peracetic acid, water, acetic acid and hydrogen peroxide. Peracetic acid 5% is one of the most powerful microbiocides available and is active against a wide spectrum of micro-organisms including aerobic and anaerobic bacteria, bacterial spores, moulds, yeasts, other fungi, their spores and also algae.

Benefits

- Fast acting
- Non-foaming
- Non-tainting
- Non polluting to the environment
- No need to rinse after use'

Guidelines for use

- Check that the product is within its shelf life before use
- Do not mix with incompatible materials
- Incompatible materials include acids, bases, (oxidising and reducing agents) and combustible materials.



TECHNICAL SUPPORT

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REGULATORY COMPLIANCE INFORMATION

Refer to the **Product Specification Sheet** or contact us on
tel: +44 (0) 115 978 5494 | e: compliance@murphyandson.co.uk

HEALTH & SAFETY INFORMATION

Refer to the **Safety Data Sheet (SDS)**

Guidelines for use (continued)

- Contact with brass, bronze, copper, iron, lead, manganese, nickel, silver, zinc and other catalytic metals accelerates decomposition to oxygen, gas and heat. Therefore, these materials must be absent in transfer pumps and pipes. Contact of the concentrated material with natural and synthetic rubbers should be avoided
- The only materials of construction recommended for contact with are stainless steel 304L, 316L, PTFE, PVDF and glass. Soft PVC and polythene are suitable for short periods
- Read the Safety Data Sheet prior to use

Application and rates of use

The product can be used in any application where the degree of soiling is light and a disinfecting action is required after cleaning. Where the soil is heavy and contains e.g. proteins, dextrans, cellulose, mucilage, pectin or tannin and a disinfecting agent is not required, hot caustic solutions are more appropriate for regular routine cleaning.

Solutions of Peracetic Acid 5% should be made up freshly. Use at the rates given above. It should be remembered that in the case of spray use the sterilising effect is virtually immediate and no residual protection is afforded against later contamination. Vessels should therefore be sterilised immediately prior to use or be kept tightly sealed after sterilisation.

Peracetic acid 5% is a terminal disinfectant and provided items are well drained after treatment, solutions need not be rinsed off. The product decomposes to acetic acid and oxygen, neither of which in such small quantities will have any adverse effects.

Small items can be left to soak overnight in a steeping tank using Peracetic Acid 5% diluted, 3-10mls PAA per litre of water.

Beer mains and hoses may be filled after cleaning with a diluted solution of PAA, 3-5mls PAA per litre of water and left for several hours before draining off.

Large vessels and plant are best treated by spray-ball using a dilute solution of PAA, 10-20ml in a litre of water. Alternatively a fog gun may be used but particular attention must be paid to safety precautions if a fog spray is used to avoid eye or skin contact or inhalation.

Storage and shelf life

- Store in cool conditions away from direct sunlight
- Keep in original container
- Keep containers sealed when not in use
- Maximum storage temperature is 30°C
- Recommended storage temperature is 15°C
- The shelf life at the recommended storage temperature is 12 months from date of manufacture



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