

# TECHNICAL INFORMATION SHEET:

## ANTIFORMIN S – HYGIENE

**PRODUCT NAME:****ANTIFORMIN S****PRODUCT CODE:****ANTS****COMMODITY CODE:****28151200****PACKAGING:****25, 200, 700 AND 1160****KG**

### Description

Antiformin S is a combined caustic chlorine detergent suitable for a wide range of cleaning and disinfecting duties. This product contains a sequesterant making it suitable for use in hard water areas.

### Benefits

- Caustic formulation deals with hard dried yeast and hop residues
- Chlorinated formulation disinfects efficiently
- Ideal for vessel washing, CIP, cask washing, general cleaning
- Ideal for use in hard water areas
- Can be used on stainless steel, copper and plastics



#### TECHNICAL SUPPORT

tel: +44 (0) 115 978 5494 | e: [techsupport@murphyandson.co.uk](mailto:techsupport@murphyandson.co.uk)

#### REGULATORY COMPLIANCE INFORMATION

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

#### HEALTH & SAFETY INFORMATION

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

## Principle

Antiformin S is a food safe concentrated liquid detergent/disinfectant solution and probably the most universally used and effective branded product of its type in the brewing industry. It is uniquely formulated to give a stable, powerful cleaning and disinfecting action and is readily rinsable.

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 proteins, dextrans, cellulose, mucilage, pectin or tannin etc and a disinfecting agent is not required, hot caustic solutions are more appropriate for regular routine cleaning.

## Guidelines for use

- Check that the product is within its shelf life before use
- Contact time is 15-20 minutes
- **Do not mix with acids**
- Do not use on aluminium, zinc, brass or galvanised surface
- Do not use a concentration >2.5% on stainless steel surfaces
- Do not exceed temperatures of 50°C as rate of chlorine loss will accelerate markedly.
- Read the Safety Data Sheet prior to use

## Application and rates of use

Antiformin S rates are normally 1-2% in water, but this may vary depending on application and degree of soiling. Elevated temperatures can increase cleaning power however the maximum temperature to use Antiformin S is 50°C as the rate of chlorine loss will accelerate markedly.

## Stainless Steel Vessels

In contact with stainless steel the strength of solution should not exceed 2.5%. It should be noted that some older tank liners can react with the product to produce a phenolic taint. The importance of thorough cold water rinsing after cleaning Antiformin S cannot be over-emphasised, particularly in the case of beer vessels.

## Soak Baths

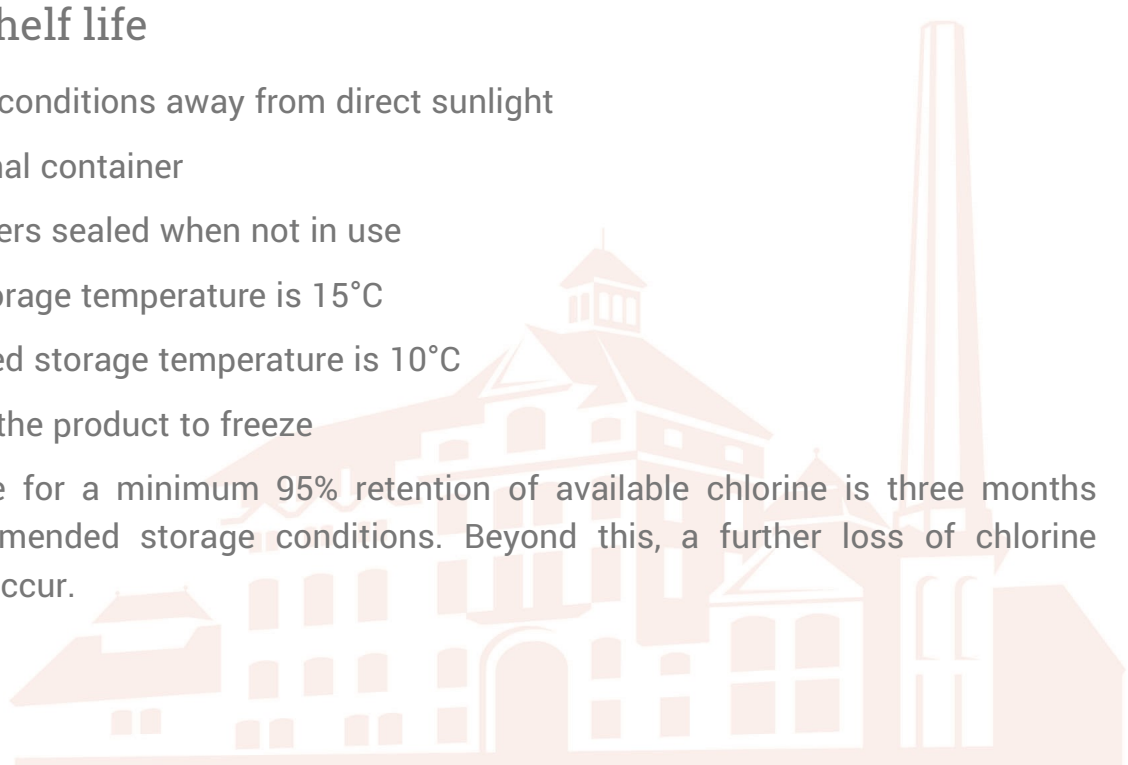
For soak bath applications, a 1% solution is appropriate. Hoses and fitting that have been soaked should be rinsed thoroughly with water before use.

## Scrub down walls and floors

A 5% solution of the product can be used to scrub down walls and floors, to remove and inhibit subsequent growth of mould, algae and yeast.

## 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 15°C
- Recommended storage temperature is 10°C
- Do not allow the product to freeze
- The shelf life for a minimum 95% retention of available chlorine is three months under recommended storage conditions. Beyond this, a further loss of chlorine content will occur.



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