



PRODUCT NAME: STERICLEANSE No1

PRODUCT CODE: STERI

COMMODITY CODE: 28151100

COUNTRY OF ORIGIN:

PACKAGING: 25, 200 and 1000 litre IBC

## TECHNICAL INFORMATION SHEET

### STERICLEANSE No 1

#### Description

STERICLEANSE No1 is a sequestered, caustic based detergent which is required in areas of hard water to prevent formation and deposition of scale and is suitable for general

#### Benefits

STERICLEANSE No 1 is designed for use on the mash tun, mash boiler, decoction vessel, cereal cookers, mash filters, boiling kettles, hops strainer and many other areas. It is suitable for stainless steel and can be used at high temperatures (max temp being 80°C).

This product is ideal for the removal of protein, dextrin, gum cellulose, hemicelloses, mucilage, pectin, tannin and mineral salt deposition and scaling.

#### Rates of Use

STERICLEANSE No 1 is 32% sodium hydroxide and should be added to water to give a final concentration as caustic of 1-2%. Therefore 3 to 6 litres of STERICLEANSE No 1 per hl of water is required.

Where hardness of water is greater than 200 mg/litre as CaCO<sub>3</sub>, an additional sequesterant may be required to provide the necessary sequestering power such as Murphy's Sequesterant Additive, please ask our sales team for more information regarding this product or if you are interested in having your water hardness tested.

#### Guidelines for use

- Check that the product is within its shelf life before use,
- Care should be taken to avoid contact with eyes and skin by the use of suitable gloves and goggles
- In the event of contact with skin or eyes wash well with plenty of water
- Read the Material Safety Data sheet prior to use
- Wash spillages to drain with plenty of water
- It is not suitable on aluminium, zinc, tin or their alloys

#### Specification

COMPOSITION	A solution of caustic soda
APPEARANCE	Colourless slightly viscous solution
ODOUR	Slight Odour
<u>Analysis</u>	
Alkalinity (as % w/v NaOH)	31.0 - 32.0 %
Specific Gravity (@ 20°C)	1.34 - 1.36
<u>Maximum Limits of impurities</u>	
As (ppm)	3
Hg (ppm)	<1
Heavy Metals as Pb (ppm)	10

## Storage & Shelf life

- Store in cool, dry conditions away from direct sunlight and acids
- Keep container sealed when not in use
- Maximum storage temperature is 15°C
- Recommended storage temperature is 10°C
- Minimum storage temperature is 4°C
- The shelf life at the recommended storage temperature is 6 months from date of manufacture

## Technical Support

For Health & Safety information on this product, please see the Safety Data Sheet (SDS)

For support and advice on the use of this product, please call or e-mail our Technical Support:-

Telephone:- + 44 (0)115 978 5494

[techsupport@murphyandson.co.uk](mailto:techsupport@murphyandson.co.uk)

For up to date information regarding, Kosher, Halal, Vegetarian, GMO status, or anything not mentioned on this tech sheet please email:-

[compliance@murphyandson.co.uk](mailto:compliance@murphyandson.co.uk) or call +44 (0)115 978 5494

## Reference

<b>PRODUCT</b>	Stericleanse No 1	<b>PRODUCT CODE</b>	STER1
<b>ISSUE No.</b>	2.0	<b>DATE</b>	09/07/2015
<b>WRITTEN BY</b>	F.M.Maud	<b>AUTHORISED BY</b>	Dr. Christine Fleming