



PRODUCT NAME: CAUSTIC SODA LIQUOR 70Tw

PRODUCT CODE: CAUSOD70

COMMODITY CODE: 28151100

COUNTRY OF ORIGIN: GERMANY

PACKAGING: 25 and 1000 litre IBC

TECHNICAL INFORMATION SHEET

CAUSTIC SODA LIQUOR 70 Tw

Description

CAUSTIC SODA LIQUOR 70 Tw is a 32% solution of Sodium Hydroxide and is designed for use in boil out or hot C.I.P.

Benefits

CAUSTIC SODA LIQUOR 70 Tw 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

CAUSTIC SODA LIQUOR 70 Tw 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 CAUSTIC SODA LIQUOR 70 Tw per hl of water is required.

Where hardness of water is greater than 200 mg/litre as CaCO₃, 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 and Safety information on this product please refer the safety data sheet (SDS).

For support and advice on the use of this product please contact either Frances Maud or Paul Taylor by the following methods:

Frances Maud	frances.maud@murphyandson.co.uk	+44 (0)115 978 5494
Paul Taylor	paul.taylor@murphyandson.co.uk	+44 (0)115 978 2728

Reference

PRODUCT	Caustic Soda Liquor 70 Tw	PRODUCT CODE	CAUSOD70
ISSUE No.	2.0	DATE	04/11/2014
WRITTEN BY	F.M.Maud	AUTHORISED BY	Dr. Christine Fleming