



PRODUCT NAME: EDSOL

PRODUCT CODE: EDS

COMMODITY CODE: 28151100

COUNTRY OF ORIGIN: UNITED KINGDOM

PACKAGING: 25 litre and 25 kg

TECHNICAL INFORMATION SHEET

EDSOL (1 Powder & 30 Solution)

Description

EDSOL 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 cleaning of brewery plant with significant levels of soiling. Edsol is available in the following forms:

EDSOL 1 - White hygroscopic powder

EDSOL 30 - Solution with a caustic level 30%

Benefits

EDSOL 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

EDSOL should be added to water to give a final concentration as caustic of 1-2%. Therefore 3 to 6 litres of EDSOL 30 per hl of water is required and 1 to 2 grams of EDSOL 1 per hl of water is required.

DRY PREPARATION, when dissolved in cold or tepid water, will generate considerable heat. EDSOL should not be mixed with chlorine based sterilants

Where hardness of water is greater than 200 mg/litre as CaCO₃, an additional sequesterant may be required to provide the necessary sequestering powder 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 and a sequesterant
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

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 or call +44 (0)115 978 5494

Reference

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