

TECHNICAL DATA SHEET

PROCLEAN S30

High Performance Process Cleaner

Code 7127

DESCRIPTION

Callington Proclean S30 is free of solvents, phosphates, sulphates, nitrites and caustic additives, offering an environmentally friendly approach to cleaning industrial manufactured parts and components, providing substantial performance and cost benefits compared to conventional cleaners.

Offering a lower pH alternative to conventional caustic process cleaners, it can be used on a range of metals, providing excellent corrosion protection, and is non-staining to aluminium and yellow metals. The cleaning efficiency of Callington Proclean S30 is such that, often, it can be used without heating or at lower temperatures compared to conventional caustic cleaners, resulting in substantial energy and water savings. Callington Proclean S30 is so resistant to bacterial attack that it is formulated without biocides.

FEATURES & BENEFITS

- Versatile can be used in a range of application equipment and on various metal substrates
- Provides a bright surface finish that is protected by a temporary corrosion preventive film on the metal surface
- Emulsified oil separates on standing, allowing for removal by skimming, preventing re-deposition of oil onto components, increasing bath life, reducing maintenance and disposal costs
- Free of inorganic salts, improving surface cleanliness and eliminating the requirement for rinsing
- Eliminates the build -up of salts in sprays and pipework, reducing downtime and maintenance costs
- Suitable for use in soft and hard waters
- Low foaming in soft water, without use of silicone antifoams, stable in hard waters
- Low pH, free from phosphates, sulphates, nitrites, caustic salts and biocides
- Safe to the environment and easier disposal

APPLICATION

Callington Proclean S30 is designed for the precision cleaning of most metals, including cast iron, mild steels, ferrous alloys, yellow metals, as well as sensitive aluminium alloys. It is non staining to these materials and provides a bright finished surface. It can also be used on plastic surfaces.

Callington Proclean S30 can be applied using a wide range of modern cleaning equipment, including pressure spray, flood wash, dip and ultrasonic types.

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Callington Proclean S30 effectively removes soluble metalworking fluids, mineral oil and vegetable oil based cutting oils and forming fluids, lubricating oils, rust preventives, metallic fines and general dirt.

RECOMMENDED DILUTIONS

	Pressure Spray	Flood Wash	Dip/Ultrasonic
Concentration Range	2 - 5%	2 - 5%	2 - 5%
Temperature Range	Ambient to 50°C	30 - 50°C	30 - 50°C
Spray Pressure	up to 12 bar/200 psi	up to 12 bar/200 psi	N/A

TYPICAL DATA (note: data is typical and does not constitute a specification).

	Test Method	Unit	Value
Appearance	Visual		Clear, Pale-Yellow Liquid
Density @ 20°C	DIN 51757/ASTM D1298	g/ml	1.06
pH (5% solution) typical	DIN 51361/ASTM E70-97		8.6
Appearance (5% solution)	Visual		Clear, Water White

STORAGE

Keep container closed, prevent exposure to frost, and prevent water ingress. Store in cool, dry conditions, avoid direct sunlight. Indoor storage is preferable.

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