



UltraSonic-416 Medium duty alkaline - caustic free detergent

UltraSonic-416 is a universal soak tank and ultrasonic cleaner formulated to remove a wide range of contaminants including oil, grease, cutting and grinding fluids etc. encountered in manufacturing and remanufacturing industries.

UltraSonic-416 complex blend of alkalis, surfactants, sequestrates, chelators makes it ideal for use on a wide range of applications, including ultrasonic cleaning, electro-cleaning, floor maintenance, and barrelling operations.

UltraSonic-416 is safe for use on ferrous metals, copper, and brass. UltraSonic-416 may also be used on aluminium, zinc and their alloys, where a slight etch is not critical.

Directions for use

Concentrations and temperatures of UltraSonic-416 are determined by the level of contamination to be removed, however typical guidelines are as follows:

Temperature range: 34°C to 80°C

Ultrasonic-cleaning: ferrous metals, Copper and Brass components should be treated using a 30min cleaning cycle at 50°C and at a concentration of 70 grams per litre.

Soak tank: cleaning: up to 30 minutes immersion times at 50gms per litre preferably in agitation immersion systems (air bubbler).

Electro-cleaning: ferrous components should be treated using cathodic cleaning at a concentration of 60 grams per litre.

Barrelling: when used for barrel degreasing with an appropriate media for De-burring to produce a semi bright finish. Dosage 10 to 15 grams per cubic foot of work solutions should be made up by slow addition while stirring into cold water.

After cleaning components should be rinsed thoroughly with clean water to remove residues.

High temperatures will slowly corrode aluminium, zinc, copper & their alloys. Containers should be mild or stainless steel, natural rubber, or polythene tanks & fittings. Store in closed containers in dry conditions

Health & safety information

Safety advice: Irritant. Contains sodium metasilicate. Irritating to skin & eye. Keep out the Reach children. In case of contact with eyes, rinse thoroughly with plenty of water and seek medical advice.

First aid: Wash splashes from skin thoroughly with soap & water for splashes to the Eyes flush immediately with plenty of water if swallowed, do not induce vomiting. Give water to drink. Prompt medical attention should be obtained following splashes to the eyes or if swallowed, and it is recommended where irritation persists following contact with skin.

Spillages: Sweep up for re-use or disposal as waste. Spillages of solution should be contained & absorbed with an inert mineral absorbent.

Disclaimer:

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof