

Technical Datasheet



Trade name : Degrease Emulsion US Cleaner
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Page : 1 of 1

Description

Degrease Emulsion US Cleaner is designed for use in ultrasonic and immersion baths. It cleans machining oils, vegetable oils and greases, as well as fresh paints and similar substances from components made of steel, aluminum, non-ferrous metals, and plastics. Due to the cleaner's emulsifying properties, the cleaned components are not pulled through a layer of the removed and floating oil and grease upon removal and thus do not become re-contaminated.

Application

Degrease Emulsion US Cleaner can be used at room temperature (approx. 20°C). To increase cleaning performance, the cleaner or the prepared cleaning solution can be heated up to 80°C. A temperature of 40–60°C is recommended for ultrasonic baths or heated immersion baths.

Degrease Emulsion US Cleaner is compatible with plastics, steel, and iron alloys, both diluted and concentrated. Rust-prone materials must be thoroughly dried and protected from rust after the cleaning process. For aluminum and non-ferrous metals, the cleaner must be diluted (approx. 10%). A compatibility test on a sample piece (or an inconspicuous area) is advisable. Discoloration on the surface of the component indicates incompatibility. Reducing the cleaner concentration, the temperature of the cleaning solution, or the cleaning time may help.

Degrease Emulsion US Cleaner can be used in any desired concentration between 3% and 100%, depending on the degree of soiling of the components to be cleaned.

Concentration recommendations (in volume%) for typical uses of the product:

Ultrasonic Devices	3 - 10	Dipping Bath	3 - 10
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Compatibility with common materials:

Steel / Stainless steel	resistant	Aluminium	limited resistant	Non-ferrous metals	not resistant
plastics	resistant	Painted surfaces	limited resistant	Galvanized surfaces	not resistant

In the case of sensitive materials, please test the product on a sample or an inconspicuous part of the individual piece before use. If you are unsure, we will be happy to advise you. Further information on labeling, handling and disposal of the product is available from the safety data sheet.

Key to above table :

resistant	limited resistant	not resistant
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Environmental Aspects

The product is effective at room temperature, but can also be used when heated up to 80 °C.

Classification according to Regulation (EC) No.1272/2008 [CLP]

Not classified according to CLP regulation

Transport information

No dangerous goods according to the transport guidelines

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

Order information

A01053-6 10 l Jerry can