



STAR US

The innovative optimization of ultrasonic cleaning

The STAR US cleaners will optimize ultrasonic cleaning performance. The selected surfactants and active ingredients are constantly active in strong intensive cleaning (25 kHz) as well as in fine cleaning (45 kHz).

- Water-based cleaners, NTA-free
- Highly concentrated
- Demulsifying
- Surfactants are biodegradable in accordance with EU directives

Acidic cleaning concentrate. Will remove rust, limescale, oxides and mineral deposits from acid-resistant parts and surfaces. Not subject to mandatory labelling.

STAR US 1

VOC reduced!

- 📄 **A00553-1** 5 L jerrycan
- A01053-1** 10 L jerrycan
- A03053-1** 30 L jerrycan

Alkaline universal cleaning concentrate. Will remove oil, grease, soot, cooling lubricants, coking residues, tinder, dust, fingerprints etc. Not subject to mandatory labelling.

STAR US 2

VOC reduced!

- 📄 **A00553-2** 5 L jerrycan
- A01053-2** 10 L jerrycan
- A03053-2** 30 L jerrycan

For the removal of oil- and grease contaminations and pigment contaminations that are difficult to remove. Alkaline. Gentle on the material, aluminium and non-ferrous metals will not be affected.

STAR US 3

VOC free!

- 📄 **A00553-3** 5 L jerrycan
- A01053-3** 10 L jerrycan
- A03053-3** 30 L jerrycan

Will remove persistent oil- and grease contaminations even from very rough surfaces. Will not affect aluminium and castings. Alkaline.

STAR US 4

VOC free!

- 📄 **A00553-4** 5 L jerrycan
- A01053-4** 10 L jerrycan
- A03053-4** 30 L jerrycan

Strong alkaline cleaner. Will remove extreme contaminations such as incrustations, cracking, and resinifications. Can also be used to remove thin layers of varnish.

STAR US 5

VOC free!

- 📄 **A00553-5** 5 L jerrycan
- A01053-5** 10 L jerrycan
- A03053-5** 30 L jerrycan



US – the optimal cleaners



VOC
reduced!

VOC
free!

	Aluminium	Galvanized surfaces	Non-ferrous metals	Brass	Stainless steel	Steel	Plastics	Alkali-resistant surfaces	Acid-resistant surfaces
STAR US 1	X	-	X	X	X	-	X	-	X
STAR US 2	-	-	-	-	X	X	X	X	-
STAR US 3	X	X	X	X	X	X	X	X	-
STAR US 4	X	X	X	X	X	X	X	X	-
STAR US 5	-	-	-	-	X	X	X	X	-



Ultrasonic cleaning devices and multifrequency devices



ROSTFREI
Edelstahl

Ultrasonic cleaning is a very effective and gentle cleaning method. The ultrasound generates millions of minute vacuum bubbles in the cleaning medium that will generate high pressure when they collapse. This combination yields optimal cleaning results especially on parts with complex geometries.

Our device series:

- **Ultrasonic cleaning devices** in 8 different device sizes featuring an effective 37 kHz ultrasonic power.
- **Multifrequency devices** in 6 different device sizes. You can choose between strong intensive cleaning (25 kHz) and gentle fine cleaning (45 kHz).
- **Multifrequency device with an integrated plate separator** for continuous oil separation. Available in 4 device sizes.

Fast and safe cleaning with
bio-chem[®]
Surface Technology