



FinnSonic

FINNSONIC CAVITEC

Washing chemicals for ultrasonic cleaning



cleaner • safer • smarter

FinnSonic Cavitec

A complete process solution for your application



High performance, economical, safe

Cleanliness is proven to have a significant effect in production quality, efficiency and results. Short payback time, smaller production costs and safety form the basis of our product and service offering.

FinnSonic offers a wide range of washing detergents to complement your equipment and provides a complete process solution for almost any industrial application. Our applications expertise and process testing services are at your disposal for defining the right process, equipment and detergents. FinnSonic support services will help you with the process control during the production process. The quality remains high with the right control procedure and equipment.

The right detergent plays a key role in achieving the desired level of cleanliness

The right detergent reduces surface tension, reinforces cavitation and binds the dissolved contamination into the washing liquid.

Contamination	Base material	Detergent	pH
Organic residue that has burned on the surface of the material, grease	Ferrous metals	FinnSonic Cavitec HD Pro	13,5
Cutting fluids, chip residues	Steel, cast iron, aluminum, brass, copper	FinnSonic Cavitec Multi	13
Polishing waxes, grease	Copper, light metals, their alloys, different steels, plastics	FinnSonic Cavitec Basio	8,3
Oxide layers, lime scale deposits	Ferrous metals, light alloys	FinnSonic Cavitec Disco	1,5

Main criteria for choosing the detergent

- » Contamination
- » Base material
- » Cleanliness requirement
- » Cleaning technique
- » Health, safety and environmental factors

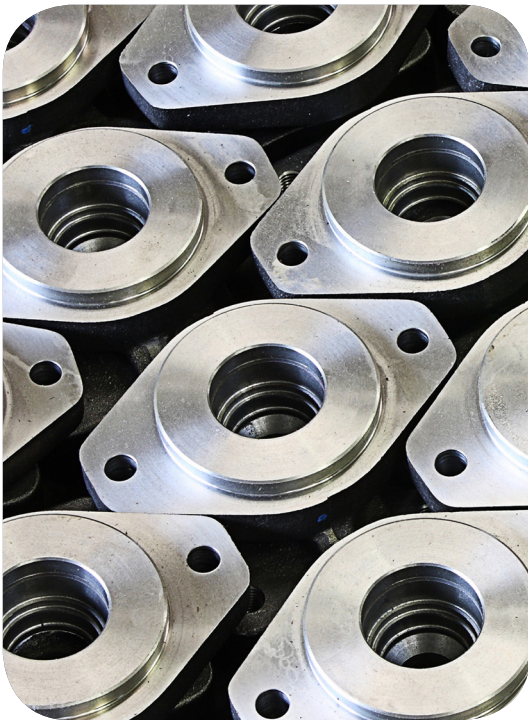
Why choose FinnSonic Cavitec

- » High performance
- » Economical
- » Safe and environmentally friendly
- » Complete process solution from one supplier
- » Process testing services
- » Application support services
- » Compatibility tested with FinnSonic equipment



FinnSonic CAVITEC HD PRO

- » High alkaline detergent
- » Optimal for maintenance applications
 - » Injection moulds
 - » Zink moulds
 - » Glass moulds
 - » Cutting and forming tools
 - » Engine parts
- » Highly concentrated product with high complexing and dispersing capability
- » Based on potassiumhydroxide – tidy to use
- » Dosing 10–40%, temperature 60–80°C
- » Concentrate pH 13,5
- » Package size 20 liters



FinnSonic CAVITEC MULTI

- » Alkaline detergent for immersion and ultrasonic cleaning
- » Optimal for the removal of machining fluids, oil, grease, chip residues
- » Extensive material compatibility: steel, cast iron, aluminum, brass, copper
- » Excellent low temperature performance 20–40°C
- » Strong demulsifying effect – long bath life
- » Good corrosion protection
- » Low residue – even for one step processes
- » Dosing 1–6%, temperature 20–80°C
- » Concentrate pH 13
- » Package sizes 5 and 20 liters



FinnSonic CAVITEC BASIO

- » Neutral degreasing agent for immersion and ultrasonic cleaning.
- » Optimal for the removal of grease, polishing waxes and other contaminants by means of immersion and ultrasonic cleaning.
- » Excellent material compatibility. Particularly suitable for copper, light metals and their alloys, and different steels and plastics.
- » For cleaning armatures, faucets, jewelry, silverware, etc.
- » Emulsifying
- » Corrosion protection
- » Biodegradable
- » Dosage 3-6%, temperature 30-60°C
- » Low temperature performance from 30°C, operating temperature 30-60 °C
- » Concentrate pH 8.3
- » Package sizes 5 and 20 liters



FinnSonic CAVITEC DISCO

- » Acid detergent
- » Optimal in maintenance applications for removing
 - » Oxide layers
 - » Lime scale deposits
- » For steel and light metals
- » Based on phosphoric acid – tough on oxide, gentle on steel
- » Oil/grease cleaning capability
- » The tensides are biodegradable
- » Dosing 2-10%, temperature 20-60°C
- » Concentrate pH 1,5
- » Package size 20 liters



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FinnSonic maintains certified quality and environmental programs ISO 9001:2008 and ISO 14001:2004. FinnSonic products are GOST R approved by the Customs committee of the Russian Federation Government.