

FINN SONIC CAVITEC

Washing chemicals for ultrasonic cleaning



cleaner • safer • smarter

A close-up photograph of a textured surface, possibly metal or plastic, covered in numerous small, glistening water droplets. The lighting is soft and blue-toned, creating a clean and industrial atmosphere. The droplets vary in size and are scattered across the frame, with some in sharp focus in the foreground and others blurred in the background.

SAFE AND **POWERFUL** CLEANING

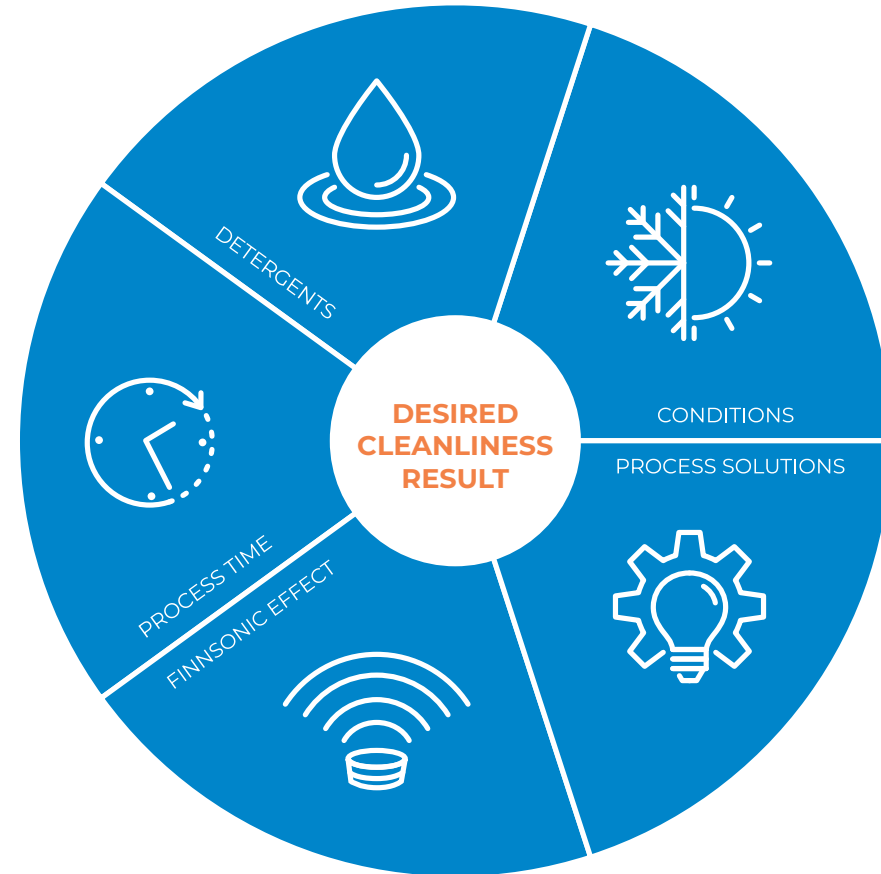
Choose from a wide range of washing detergents to complement your equipment and cleaning needs.

FinnSonic offers complete process solutions to industrial cleaning with economical, safe and powerful cleaning detergents.

High performance, economical and safe

MAIN CRITERIA FOR CHOOSING THE DETERGENT

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



FinnSonic offers a wide range of washing detergents to complement your equipment and provides a complete process solution for most industrial applications. Our applications expertise and process testing services are at your disposal for defining the right process, equipment and detergents.

During the production process FinnSonic's Service Team will help you with the process control. The quality remains high with the right control procedure and equipment.

CHOOSE THE RIGHT DETERGENT TO ACHIEVE THE DESIRED LEVEL OF CLEANLINESS

Cleanliness is proven to have a significant effect in production quality, efficiency and results. The right detergent reduces surface tension, reinforces cavitation and binds the dissolved contamination into the washing liquid. The quality remains high with the right control procedure and equipment.

| 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 Neo | 9,5 |
| 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 Neo | 0,5 |





FINNSONIC CAVITEC HD PRO

- » High alkaline detergent
- » Optimal for maintenance applications for **injection moulds, zink moulds, glass moulds, cutting and forming tools, engine parts**
- » Highly concentrated product with high complexing and dispersing capability
- » **Demulsifying**
- » Based on potassiumhydroxide – **tidy to use**
- » Dosing 10–40%, temperature 60-80°C
- » Concentrate pH 13,5
- » Package size 20 liters





FINNSONIC CAVITEC MULTI NEO

- » Mildly alkaline detergent for ultrasonic and spray cleaning
- » Optimal for the removal of **machining fluids, oil, grease, chip residues**
- » Extensive material compatibility: **steel, cast iron, aluminum, brass, copper**
- » Good corrosion protection
- » Excellent low temperature performance 20-40°C
- » Strong demulsifying effect – **long bath life**
- » **Low residue** – even for one step processes
- » Dosing 1-6%, temperature 20–80°C
- » Concentrate pH 9,5
- » Package size 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.
- » Demulsifying
- » **Corrosion protection**
- » **Biodegradable**
- » Dosage 3-6%, temperature 30-60°C
- » **Low temperature performance** from 30°C to 60 °C
- » Concentrate pH 8.3
- » Package size 20 liters





FINN SONIC CAVITEC DISCO NEO

- » Acid detergent
- » Optimal in maintenance applications for removing **oxide layers and lime scale deposits**
- » For **steel and light metals**
- » Based on methanesulfonic acid – **tough on oxide, gentle on steel**
- » Oil/grease cleaning capability
- » Emulsifying
- » The tensides are biodegradable
- » Dosing 2-10%, temperature 20-60°C
- » Concentrate pH 0,5
- » Package size 20 liters





NEW FINNSONIC CAVITEC DISCO^{NEO}

SUSTAINABLE ACID CLEANER

In the new formulation the phosphoric acid has been replaced with a modern, environmentally friendly methanesulfonic acid (MSA). MSA has a powerful cleaning effect, low corrosivity, low odor and biodegradability.

Cavitec Disco Neo formulation provides a more competitive and sustainable option for acid cleaning.



FinnSonic

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FinnSonic maintains certified quality program ISO 9001:2015.