SHERAN CHEMICALS



Deck & Engine Room Cleaning.

ULTRASONIC MULTICLEANER

Advanced water-based ultrasonic cleaning technology engineered for the removal of oil, grease, carbon deposits and precision contaminants from fuel system components, engine parts and industrial equipment

DESCRIPTION & APPLICATIONS:

ULTRASONIC MULTICLEANER is a high-performance, water-based ultrasonic cleaning compound designed for ultrasonic baths, automated parts washers, and industrial cleaning systems. It effectively removes oil, grease, carbon deposits, sludge, varnish, and other contaminants from critical machinery components.

Specially formulated to enhance ultrasonic cavitation, it keeps loosened contaminants suspended in the cleaning solution, preventing redeposition and ensuring consistent cleaning performance.

The product delivers excellent results on fuel filters, oil filters, cylinder heads, air coolers, engine parts, valves, heat exchanger components, and other precision equipment. Its solvent-free, self-splitting formulation provides an environmentally responsible alternative to hydrocarbon-based cleaners while maintaining high cleaning efficiency and cost-effectiveness.

FEATURES & BENEFITS:

- Specifically formulated for ultrasonic cleaning systems.
- Maximizes ultrasonic cavitation efficiency for enhanced cleaning performance.
- Penetrates difficult-to-reach internal surfaces and complex components.
- Effectively removes heavy oil, grease, sludge, carbon deposits, and operational residues.
- Prevents contaminants from redepositing onto cleaned surfaces.
- Water-based, non-flammable, and free from hydrocarbon solvents.
- Low-foaming formulation suitable for automated and ultrasonic cleaning equipment.
- Highly economical in use and helps reduce disposal costs compared to conventional solvent cleaners.

SHERAN CHEMICAL (UAE) |SHERAN HELLAS CHEMICAL (Greece)

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Manufacturing & Sales: Fujairah, UAE | Athens, Greece

Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

ProcureShip PS ID: 14754

SHIPSERV TN-315946

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RECOMMENDED DOSAGE:

Ultrasonic Cleaning Baths

Contamination Level	Dosage
Light Contamination	5%
Medium Contamination	10%
Heavy Contamination	15%
Severe Carbon Deposits	25%

Recommended operating temperature:
50°C – 70°C
Recommended cleaning time:
5 – 30 minutes depending on contamination level.

Cleaning Machines

Parameter	Recommended Value
Concentration	Approximately 4%
Temperature	80°C – 90°C
Cleaning Time	30 – 60 Minutes

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear Liquid
Colour	Light Amber
Odour	Mild
Base Type	Water-Based
Solvent Content	Hydrocarbon Solvent Free
Foaming Characteristics	Low Foaming
Flammability	Non-Flammable

Typical values are provided for guidance only and should not be considered product specifications.

Cleaning Systems

Ultrasonic baths. Automated parts washers. Industrial cleaning machines. Maintenance cleaning systems

ULTRASONIC CLEANING PROCEDURE:

1. Pre-degrease heavily contaminated components if required.
2. Prepare cleaning solution at the recommended concentration.
3. Heat solution to operating temperature.
4. Fully immerse components in the bath.
5. Ensure components remain separated for maximum cavitation efficiency.
6. Clean for 5–30 minutes or longer where necessary.
7. Remove components and rinse using a high-pressure water jet.

MATERIAL COMPATIBILITY:

Suitable for:

- Carbon steel. Stainless steel. Copper alloys. Fuel system components. Engine components

Not recommended for:

- Zinc. Galvanized materials. Certain magnesium alloys

Aluminum and light alloy components should be tested prior to extended cleaning operations.

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STORAGE & HANDLING:

Store in a cool, dry, well-ventilated area, keeping containers tightly closed when not in use. Avoid prolonged exposure to direct sunlight and excessive heat, and follow proper industrial hygiene and handling practices. For detailed safety information, refer to the Safety Data Sheet (SDS).

SHELF LIFE:

24 Months from date of manufacture when stored under recommended conditions.

STANDARD PACKAGING:

- 5 L Plastic Containers
- 25 L Plastic Containers

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