

ULTRASONIC CLEANING CHEMICAL

CoreKleen

Removes proteinaceous contamination and scale deposits — radiator and core cleaning grade.

PRODUCT OVERVIEW

For removal of proteinaceous contaminant and scale deposits for a variety of cleaning applications. Scale remover

PHYSICAL & CHEMICAL PROPERTIES

Form	Liquid
Colour	Yellow / Clear
Odour	N Av
pH (concentrate)	1.0 - 2.0
Solubility in water	Soluble in water
Flammability	—

Typical values only — consult the SDS and specification sheet for lot-specific data.

COMPOSITION

Chemical entity	CAS No.	Proportion
Sulfamic acid	5329-14-6	>=15% - < 20 %
Ingredients determined to be non-hazardous	—	Balance to 100 %

APPLICATION & USE

Dose (v/v)
10–30%. The trial sets your exact process values; the TDS governs.

Operating temperature
40–60 °C — the substrate sets its own ceiling; run at the lower of chemistry and substrate limits.

Application method
Heated ultrasonic immersion or soak as appropriate. Rinse thoroughly after cleaning; verify concentration on schedule per the check method.

Material compatibility	
Brass & copper cores	Safe in prescribed use
Stainless	Safe in prescribed use
Cast iron	Safe in prescribed use
Zinc	Do not use
Cadmium plate	Do not use

HANDLING & STORAGE

Handling
Avoid eye and skin contact; avoid inhalation of vapour, mist or aerosols. Use with adequate ventilation. Do not eat, drink or smoke during use.

Storage
Store cool, dry and ventilated, out of direct sunlight, away from foodstuffs, ignition sources and incompatible materials. Keep containers upright and closed; check regularly for leaks.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

PPE is required when handling concentrate. gloves, apron, face shield. Ensure eyewash facilities are accessible at the workstation.

- Chemical Goggles
- Chemical-Resistant Gloves
- Protective Clothing
- Adequate Ventilation

STABILITY & REACTIVITY

Incompatible materials	Keep away from highly acidic or alkaline substances as well as oxidants in order to prevent exothermal reactions.
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TRANSPORT & REGULATORY

Road & rail (AU/NZ)	Not classified as Dangerous Goods (ADG / NZS5433).
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GHS classification	Skin Corrosion/Irritation - Category 2; Eye Damage/Irritation - Category 2A — Signal word: WARNING
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SUPPLY & EMERGENCY

Supplied by	Misonics — misonics.com.au · sales@misonics.com.au
Emergency	Poisons Information Centre: 131 126 (AU) / 0800 764 766 (NZ)
Safety Data Sheet	The SDS is the governing safety document — download it from the product page and hold it in your chemical register.