

ULTRASONIC CLEANING CHEMICAL

CoreFlush LF

Low-foaming CoreFlush for circulating and ultrasonic use — flushing residues from industrial components.

PRODUCT OVERVIEW

A low foaming detergent used for flushing residues from industrial components

PHYSICAL & CHEMICAL PROPERTIES

Form	Clear Liquid
Colour	Colourless - Yellowish
Odour	Citrus
pH (concentrate)	14.00
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
D-limonene	5989-27-5	<1%
Potassium hydroxide	1310-58-3	<1%
Silicic acid (H2SiO3), disodium salt	6834-92-0	3-5%
Ingredients determined to be non-hazardous	—	Balance to 100 %

APPLICATION & USE

Dose (v/v)
Per TDS. The trial sets your exact process values; the TDS governs.

Operating temperature
50–70 °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	
Ferrous circuits	Safe in prescribed use
Stainless	Safe in prescribed use
Confirm mixed-metal assemblies	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. Chemical-resistant gloves recommended. Ensure eyewash facilities are accessible at the workstation.

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

STABILITY & REACTIVITY

Incompatible materials	Oxidising agents.
------------------------	-------------------

TRANSPORT & REGULATORY

Road & rail (AU/NZ)	Not classified as Dangerous Goods (ADG / NZS5433).
---------------------	--

GHS classification	Sensitisation - Skin - Category 1; Specific Target Organ Toxicity (Single Exposure) - Category 3 Respiratory Tract Irritation — Signal word: WARNING
---------------------------	--

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.