

ULTRASONIC CLEANING CHEMICAL

FX Degreaser

Multi-purpose cleaner and degreaser for light to medium cleaning — the general workshop workhorse.

PRODUCT OVERVIEW

Multi purpose cleaner and degreaser for light to medium cleaning applications

PHYSICAL & CHEMICAL PROPERTIES

Form	Liquid
Colour	Dark Green
Odour	Faint Surfactant
pH (concentrate)	12.5 - 13.5
Specific gravity	1.07 - 1.10
Solubility in water	Miscible in water
Material family	Aqueous Formulation
Flammability	Non-flammable (aqueous)

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

COMPOSITION

Chemical entity	CAS No.	Proportion
Potassium hydroxide	1310-58-3	<1 %
Alcohols, C12-14, ethoxylated	68439-50-9	1-10 %
Sodium Metasilicate, pentahydrate	10213-79-3	0%
Ingredients determined to be non-hazardous	—	Balance to 100 %

APPLICATION & USE

Dose (v/v)
5–15%. 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	
Mild & carbon steel	Safe in prescribed use
Stainless steel	Safe in prescribed use
Cast iron	Safe in prescribed use
Aluminium	Do not use
Zinc	Do not use
Magnesium	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, chemical goggles. 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	Skin Corrosion/Irritation - Category 1C; Eye Damage/Irritation - Category 1 — Signal word: DANGER
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.