

ULTRASONIC CLEANING CHEMICAL

Inkoff

Ink and paint removal in ultrasonic baths — anilox rolls, screens and press hardware.

PRODUCT OVERVIEW

For use in ultrasonic bath / cleaners for removal of ink and paint

PHYSICAL & CHEMICAL PROPERTIES

Form	Liquid
Colour	Orange / Red
Odour	Citrus
pH (concentrate)	12.5
Specific gravity	1.02
Solubility in water	100 %
Flammability	—

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

COMPOSITION

Chemical entity	CAS No.	Proportion
Sodium hydroxide	1310-73-2	<2%
D-limonene	5989-27-5	< 10 %
Sodium Metasilicate, pentahydrate	10213-79-3	< 10 %
Ingredients determined to be non-hazardous	—	Balance to 100 %

APPLICATION & USE

Dose (v/v)
10–25%. 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.

Stainless	Safe in prescribed use
Ceramic anilox	Safe in prescribed use
Aluminium roll cores — controlled immersion only	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, safety glasses. Ensure eyewash facilities are accessible at the workstation.

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

STABILITY & REACTIVITY

Incompatible materials	Oxidising agents.
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TRANSPORT & REGULATORY

Road & rail (AU/NZ)	Not classified as Dangerous Goods (ADG / NZS5433).
GHS classification	Acute Toxicity - Oral - Category 4; Skin Corrosion/Irritation - Category 3; Eye Damage/Irritation - Category 2B — 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.