

ULTRASONIC CLEANING CHEMICAL

ALLOYSolve

ALLOYSolv — the solvent half of the Alloy System: benzyl-alcohol action that swells paint and carbon off aluminium, zinc, steel and cast iron

PRODUCT OVERVIEW

Paint Stripper

PHYSICAL & CHEMICAL PROPERTIES

Form	Clear Liquid
Colour	Brown
pH (concentrate)	7-8
Flammability	—

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

COMPOSITION

Chemical entity	CAS No.	Proportion
Benzenesulfonic acid, C10-16-alkyl derivatives	68584-22-5	1-10 %
Benzyl alcohol	100-51-6	> 60 %
Propanol, (2-methoxymethylethoxy)-	34590-94-8	1-10 %
Ingredients determined to be non-hazardous	—	Balance to 100 %

APPLICATION & USE

Dose (v/v)
System ratio with AlloySalt. The trial sets your exact process values; the TDS governs.

Operating temperature
60–80 °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	
Steel	Safe in prescribed use
Cast iron	Safe in prescribed use
Aluminium	Safe in prescribed use
Zinc diecast	Safe in prescribed use
Magnesium — never	Do not use
System use only, with ALLOYSalt-L	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, 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; Eye Damage/Irritation - Category 2A — 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.