

ULTRASONIC CLEANING CHEMICAL

Brulin AquaVantage 1696 GD

Near-neutral aqueous detergent for sensitive substrates and mixed-metal assemblies.

PRODUCT OVERVIEW

Near-neutral aqueous detergent for sensitive substrates and mixed-metal assemblies.

PHYSICAL & CHEMICAL PROPERTIES

Form	Clear Liquid
Colour	Light Yellow
Odour	Mild
pH (concentrate)	7.9 - 8.3
Specific gravity	1.03
Solubility in water	Water 100%
Flammability	—

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

COMPOSITION

Chemical entity	CAS No.	Proportion
2-Propanol, 1-methoxy-	107-98-2	1-5%
Triethanolamine	102-71-6	1-5%
2-Propenoic acid, homopolymer, sodium salt	9003-04-7	1-5%
Benzenesulfonic acid, dimethyl-, sodium salt	1300-72-7	1-5%
Ingredients determined to be non-hazardous	—	Balance to 100 %

APPLICATION & USE

Dose (v/v)
5–30%. The trial sets your exact process values; the TDS governs.

Operating temperature
40–70 °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

Mixed & sensitive metals	Safe in prescribed use
Electronics-adjacent	Safe in prescribed 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

Chemical stability	This material is thermally stable when stored and used as directed.
Conditions to avoid	Elevated temperatures and sources of ignition.
Incompatible materials	Oxidising agents.
Hazardous decomposition	Oxides of carbon and nitrogen, smoke and other toxic fumes.

TRANSPORT & REGULATORY

Road & rail (AU/NZ)

Not classified as Dangerous Goods (ADG / NZS5433).

GHS classification

Skin Irritation - Category 2; Eye 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.