

# Axarel<sup>®</sup> 2200

## A Powerful, Proven Choice for Benchtop Cleaning and Stencil Printing



One of MicroCare's most mature products, Axarel<sup>®</sup> 2200 has been a reliable, cost-effective circuit cleaner for two decades

- **Versatile — a Defluxer, Degreaser & Stencil Cleaner All in One**
- **Highly Effective on Lead-Free Fluxes & Pastes**
- **Low-Surface Tension for Better Cleaning under Tight Chips**
- **Plastic-Safe & Residue-Free**

### General Information

Axarel<sup>®</sup> 2200 is a proven benchtop defluxer and stencil cleaner that has been satisfying customers for almost two decades. A versatile, powerful choice, Axarel 2200 is convenient, easy to use and safe for the environment.

### About the Product

Blended from aliphatic hydrocarbons, Axarel 2200 is an ozone-safe defluxer specifically designed for precision cold cleaning. Many times stronger than alcohol, Axarel works well on both leaded and lead-free materials. Both organic and ionic residues are easy targets for Axarel.

### Technical Details

Chemical Family	Mixed Hydrocarbon
Appearance	Clear Colorless Liquid
Aroma	Slight, Sweet Alcohol
Boiling Point	149°C / 300°F

### Solvency & Cleaning Data

Cleaning Strength (K <sub>b</sub> )	115 (est)
Specific Gravity (@ 25°C)	0.82
Surface Tension (dynes/cm)	17
Percent Volatile	100%
Evaporation Rate (Butyl Acetate = 1)	0.32

### Health, Safety & Environmental Data

Toxicity Rating (ppm, 8-hr. TWA, AEL)	100
Flashpoint (TCC)	44°C / 111°F
Safety Rating	Combustible
NFPA	Health: 1; Fire: 2; Reactivity: 0
Ozone Impact	Zero
Organic Content (g/L)	785
RoHS and WEEE Compliant	Yes
SNAP Approved	Yes

### Packaging

Aerosol	10 oz./284 g	MCC-AXL
Minipail	6 lbs./2.72 k	MCC-AXLG
Pail	35 lbs./15.87 k	MCC-AXLP
Drum	365 lbs./165.9 k	MCC-AXLD

The aerosol cans are packaged in cases of twelve (12) cans per box. All Axarel products have an unlimited shelf life.

### Related Products

MicroCare strongly recommends the Trigger Grip<sup>™</sup> dispenser, #MCC-ESD, with our aerosol cleaners because it speeds cleaning and reduces solvent waste. For plastic-safe cleaning, **VeriClean<sup>™</sup>** is a fast-drying alternative to Axarel. For stencil cleaning, **BGA Stencil Cleaner** is a nonflammable choice. For presaturated cleaning, the **ExPoxy<sup>™</sup> Remover Presaturated Wipes** are the best choice for cleaning stencils and misprints. Axarel is not suited for use in heated cleaning systems. For those applications, **Flux Remover C** is the best choice. Contact MicroCare for details.

### Product Notes

**AVAILABILITY.** This product is available from MicroCare distributors world-wide. Contact your local distributor at [www.MicroCare.com](http://www.MicroCare.com) for details.

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It dissolves all the common contamination and can be used safely on stencils, PCBs, hybrids, connectors, components, elastomers, wiring and housings. It serves double-duty as a degreaser, so it is a great choice for repair depots.

One of the most popular uses of Axarel is for cleaning stencils, misprints and production equipment. It is a fine solvent choice for inside an automated stencil printer, and will not harm the stencils, webbing or printers. In general, it is safe on most components, FR-4, epoxies, nylon, polyethylene, polypropylene and PVC, but it may soften some soft plastics. Test before deployment.

Axarel dries more slowly than alcohol which minimizes consumption and saves money. It also is Trigger Grip<sup>™</sup> compatible, which generally doubles the life of the aerosol can, effectively making it half the price of competing cleaners. It is ozone-safe and has a short atmospheric life. All of this makes Axarel a superior choice for most benchtop and stencil cleaning applications.



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