



## Technical Specification

# 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.

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.



### 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>c</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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