

## Fibre Cleaning Liquid - Non-Combustable/Aqueous

HT-FPC-LQNCA/100ML and HT-FPC-LQNCA/1LTR

### Application/Product Description

Fibre Cleaning Liquid, available in 100ml or 1litre bottles, contains a nonflammable, water-based cleaning solution that quickly and safely cleans the end face of fibre optic connectors, splices and ribbons. It also dissipates static charge, which prevents attracting airborne contamination that cling to the end face surface.

The cleaning formulation has low odour, is plastic safe, and residue free. Because it is water-based, it has the environmental benefits of low VOC and GWP (Global Warming Potential).

This non-pressurized container can be easily and safely transported. For best results, use with the End Face Dry Wipe Cube Platform or End Face Click Cleaner Tool and the Combination Cleaning process.

### Features and Benefits

- Nonflammable aqueous cleaner
- Removes a broad range of soils dust, oils, soils, complex soils, salts and other contaminants
- Residue free, low VOC, low global warming potential (GWP)
- Portable and easily transportable
- Cleans connectors with End Face Dry Wipe Cube Platform or with End Face Click Cleaner Tool
- Dissipates static charge which can attract airborne contaminants
- Plastic safe and compatible for all fibre optic connectors

### Typical Applications

- Connector end face cleaning
- Cleaning fibre and splice trays pre-splice
- Cleans tools and meters
- Cleans cables
- All repair and maintenance spot cleaning

### Compatibility

Fibre Cleaning Liquid is compatible with most materials used in telecommunications. As with any solvent, compatibility with substrate should be determined on a non-critical area prior to use.

| Material | Compatibility | Material        | Compatibility |
|----------|---------------|-----------------|---------------|
| ABS      | Excellent     | Noryl®          | Excellent     |
| Buna-N   | Excellent     | Nylon 66™       | Excellent     |
| EPDM     | Excellent     | Cross-Linked PE | Excellent     |
| Graphite | Excellent     | Polypropylene   | Excellent     |
| HDPE     | Excellent     | Polystyrene     | Excellent     |
| Kynar™   | Excellent     | PVC             | Excellent     |
| LDPE     | Excellent     | Silicone Rubber | Excellent     |
| Lexan™   | Excellent     | Teflon          | Excellent     |
| Neoprene | Excellent     | Viton           | Excellent     |



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### Product Data And Physical Properties

|                     |                                  |
|---------------------|----------------------------------|
| Appearance          | Clear, colourless liquid         |
| Odour               | Mild                             |
| Solubility in Water | 100%                             |
| Specific Gravity    | 0.98 @ 23.9°C (water = 1 @ 77°F) |
| Evaporation Rate    | >1 (butyl acetate = 1)           |
| Boiling Point       | >93°C                            |
| Flash Point (TCC)   | None                             |
| VOC* Content        |                                  |
| CARB                | 7%                               |
| SCAQMD              | 85 g/L                           |
| Federal             | 7%                               |
| Shelf life          | 5 years                          |
| RoHS Compliant      | Yes                              |

\* ODP, HCFC-225, Chlorinated Solvent, VOC, HFC, and nPB percentages shown are the content by weight. Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

### Environmental Impact Data

|          |    |
|----------|----|
| ODP      | 0% |
| HCFC 225 | 0% |
| HFC      | 0% |
| CL Solv. | 0% |
| nPB      | 0% |

CFC, HCFC-225, HCFC-141b, VOC, HFC, and nPB percentages shown are the content by weight.