



**TECHSPRAY®**

**Technical Data Sheet**

**G3 Flux Remover**

1631

Flux removers (defluxers) remove flux residues and other contaminants left by manufacture, rework, or repair of printed circuit boards. Residues from higher, leadfree temperatures are more baked on and harder to clean. G3, Ecoline and PrecisionV flux removers have been proven very effective at removing fluxes baked on at leadfree temperatures.

Microcomponents and fine pitch leads are delicate and easily damaged, so brushing and scrubbing should be avoided if possible. Both G3, Ecoline and PrecisionV have a powerful spray and strong solvent that blasts off residues and cleans areas under components that a brush cannot touch.



**Non-flammable & powerful cleaner**

Flux removers (defluxers) remove flux residues and other contaminants left by manufacture, rework, or repair of printed circuit boards. Residues from higher, lead-free temperatures are more baked on and harder to clean. G3®, Ecoline™ and Precision-V™ flux removers have been proven very effective at removing fluxes baked on at lead-free temperatures. Micro-components and fine pitch leads are delicate and easily damaged, so brushing and scrubbing should be avoided if possible. Both G3, Ecoline and Precision-V have a powerful spray and strong solvent that blasts off residues and cleans areas under components that a brush cannot touch. Patented defluxer formulated to be powerful and nonflammable, yet economical. Eliminates brushing and scrubbing, saving time and materials.

- **Powerful cleaner**
- **Non-flammable**
- **Non-ozone depleting**
- **Safe on electronics**
- **Rapid evaporation**
- **Zero residue**
- **Safe on most plastics**
- **EPA SNAP approved**
- **Proven effective for lead-free processes**

**Product Packaging**

1631-16S  
G3 Flux Remover  
16 oz  
12 units/case



1631-5S  
G3 Flux Remover  
5 oz  
12 units/case



1631-16SB  
G3 Flux Remover w/brush attachment  
16 oz  
12 units/case



**Instructions**

Make sure opening of sprayhead is pointing toward surface to be cleaned. Hold can 15-20 cm away. Direct spray to saturate soiled surface. A TechBrush® (2000 Series) may be utilized to help in the removal of heavy soils. When used as a general cleaner, start at top of area to be cleaned using a sweeping motion, and spray the area slowly, working towards the bottom. To clean in hard to reach areas, insert extension tube in sprayhead to direct spray. Allow components to dry completely before applying current. For flat surface cleaning, saturate a lint-free TechClean® Twillwipe (2357) or Purwipe™ (2355) and wipe surface with cloth. Rotate the cleaning side of the wipe periodically and re-saturate.





### Chemical & Physical Properties

|               |                         |
|---------------|-------------------------|
| Appearance    | Clear, colorless liquid |
| Odor          | Faint ethereal odor     |
| Flash Point   | none                    |
| VOC (EPA)     | 64%                     |
| VOC (CARB)    | 75%                     |
| Boiling Point | 39°C (102.2°F)          |
| Density       |                         |

### Chemical Composition

| CHEMICAL NAME                                       | CAS #       |
|---|-------------|
| 1,1,1,2,2,3,4,5,5,5-decafluoropentane (HFC-4310mee) | 138495-42-8 |
| 1,2-transdichloroethylene                           | 156-60-5    |
| Ethanol   | 64-17-5     |
| 1,1,1,2-Tetrafluoroethane                           | 811-97-2    |
| Carbon dioxide                                      | 124-38-9    |

### Environmental Policy

Techspray is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

### Resources

Techspray products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray products in the United States, call the technical sales department at 800-858-4043, email [tsales@techspray.com](mailto:tsales@techspray.com) or visit our web site at: [www.techspray.com](http://www.techspray.com).

#### North America

Techspray  
P.O. Box 949  
Amarillo, TX 79105  
800-858-4043  
email: [tsales@techspray.com](mailto:tsales@techspray.com)

#### Europe

ITW Contamination Control BV  
Saffierlaan 5  
2132 VZ Hoofddorp  
The Netherlands  
+31 88 1307 400  
email: [info@itw-cc.com](mailto:info@itw-cc.com)

#### Countries Outside US

Call to locate a distributor in your country

Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.

