

# CHEMTRONICS®

## Technical Data Sheet

**TDS # 1020**

### Ultrajet®

#### PRODUCT DESCRIPTION

Ultrajet® compressed gas duster is a high pressure duster that cleans electronics without scratching delicate surfaces. This duster/ cleaner is nonflammable, residue-free and won't scratch delicate surfaces.

- Filtered to 0.2 microns
- Nonflammable
- Leaves no residue
- High pressure for contamination control
- Nonabrasive
- Excellent material compatibility
- Penetrates hard to reach areas
- Contains no ozone depleting compounds

#### TYPICAL APPLICATIONS

Ultrajet® duster is engineered for all aspects of electronic equipment maintenance and is particularly suited for applications involving:

- Audio/Video Equipment
- Computers and Other Electronic Equipment
- Fax Machines
- Laboratory Instruments
- Photo Equipment
- Printed Circuit Boards
- Printers
- Surface Mount Devices

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

|   |                                   |
|---|-----------------------------------|
| <b>Boiling Point</b>                          | -15.7°F                           |
| <b>Vapor Density (air=1)<br/>@ 77°F</b>       | 3.18                              |
| <b>Solubility in Water<br/>@ 77°F F/1 atm</b> | 0.10% by weight                   |
| <b>Specific Gravity<br/>(water = 1 @77°F)</b> | 1.21                              |
| <b>Evaporation Rate<br/>(butyl acetate=1)</b> | >1                                |
| <b>Appearance</b>                             | Clear, Colorless<br>Liquified Gas |
| <b>Odor</b>                                   | Slight Ethereal                   |
| <b>Surface Tension<br/>(dynes/cm @77°F)</b>   | 7.8                               |
| <b>Flash Point (TCC)</b>                      | None                              |
| <b>Shelflife</b>                              | 5 years                           |

#### COMPATIBILITY

Ultrajet® is generally compatible with most materials used in printed circuit board fabrication, including sensitive plastics and compounds. As with any duster/cleaner, compatibility must be determined on a non-critical area prior to use.

| <u>Material</u> | <u>Compatibility</u> |
|-----------------|----------------------|
| Buna-N          | Excellent            |
| Graphite        | Excellent            |
| HDPE            | Excellent            |
| LDPE            | Excellent            |
| Lexan™          | Excellent            |
| Neoprene        | Excellent            |
| Cross-Linked PE | Excellent            |
| Polyacrylate    | Excellent            |
| Polystyrene     | Excellent            |
| PVC             | Excellent            |
| Silicone Rubber | Excellent            |
| Teflon™         | Excellent            |
| Viton™          | Excellent            |

## TECHNICAL & APPLICATION ASSISTANCE

Chemtronics® provides a technical hotline to answer your technical and application related questions. The toll free number is:  
**1-800-TECH-401.**

## ENVIRONMENTAL IMPACT DATA

### ENVIRONMENTAL IMPACT DATA

|          |      |     |        |
|----------|------|-----|--------|
| CFC      | 0.0% | VOC | 0.0%   |
| HCFC     | 0.0% | HFC | 100.0% |
| CL Solv. | 0.0% | ODP | 0.00   |

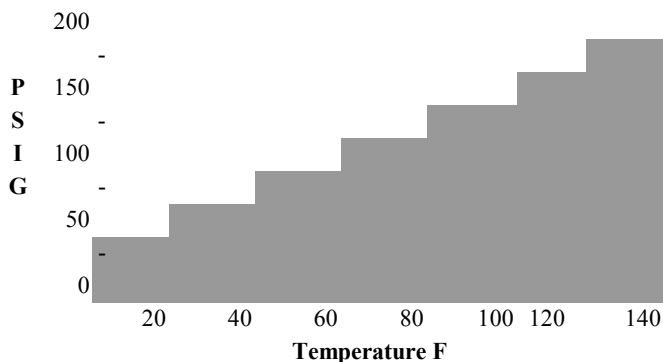
CFC, HCFC, CL. SOLV., VOC, and HFC numbers shown are the content by weight. Ozone depletion potential (ODP) is determined in accordance with the Montreal Protocol and U.S. Clean Air Act of 1990. The ODP of this product is 0.0. It is the sum of the ODP of the substances that may contribute to the depletion of stratospheric ozone, based upon the weight of each substance in the product's formulation.

### NOTE:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. CHEMTRONICS® does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

## PERFORMANCE

Pressure PSIG / Temperature F



## USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

No special surface preparation is required prior to using Ultrajet®. Direct high pressure spray onto the area to be cleaned to remove dust, dirt and other contaminant. For optimum performance and pin point control, use with the attached extension tube.

## AVAILABILITY

ES1020 10 oz. Aerosol

ES520 5 oz. Aerosol

## MANUFACTURED BY:

ITW CHEMTRONICS  
8125 COBB CENTER DRIVE  
KENNESAW, GA 30152  
1-770-424-4888

REV. D(03/01)

## DISTRIBUTED BY: