

# Technical Data Sheet

## Typhoon Blast™ All-Way Duster (EU)

### PRODUCT DESCRIPTION

Typhoon Blast™ All-Way Duster can be sprayed right-side up and upside down emitting a high pressure blast that cleans electronics without scratching delicate surfaces. This compressed gas duster offers exceptionally low global warming impact (GWP = 6) when compared to traditional dusters utilizing HFC-134a (GWP = 1300) or HFC-152a (GWP = 140)\*. This moisture free and oil free duster provides the cleanest and most efficient, non-contact method available for particle removal. It is also efficient as a means to quickly remove slow-drying solvents.

- High pressure duster sprays any direction, even upside down
- Ideal for particle removal and contamination control
- Useful for drying and removing solvents from surfaces
- Ultra-low global warming impact of 6
- Nonflammable
- Nonabrasive and Noncorrosive, Leaves no residue
- Ultra-pure, filtered to <0.2 microns
- HFC Free
- HFO-1234ze based
- VOC free

### TYPICAL APPLICATIONS

Typhoon Blast™ All-Way 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
- Telephone Junction Panels
- Network Routers and Switches
- Lenses and Optical Surfaces
- Office Equipment, Paper Shredders, Fax Machines and Printers
- Laboratory Instruments
- Photo Equipment
- Printed Circuit Boards
- Electrical Connectors and Contacts

### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Boiling Point</b>	-2 °F / -19 °C
<b>Internal Pressure</b>	47 psia @ 70 °F
<b>Vapor Density (air=1) @ 77°F</b>	4.0
<b>Solubility in Water @ 77°F F/1 atm</b>	0.10% by weight
<b>Specific Gravity (water = 1 @77°F)</b>	1.17
<b>Evaporation Rate (butyl acetate=1)</b>	>1
<b>Appearance</b>	Clear, Colorless Liquified Gas
<b>Odor</b>	Slight Ethereal
<b>Global Warming Potential</b>	6.0*
<b>Flash Point (TCC)</b>	None
<b>Shelflife</b>	5 years
<b>RoHS/WEEE Status</b>	

\*Global warming potential (GWP) is calculated based on a 100 year time horizon. Carbon dioxide has a GWP of 1.

### COMPATIBILITY

Typhoon Blast™ All-Way Duster 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

## ENVIRONMENTAL IMPACT DATA

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CFC	0.0%	VOC	0.0%
HCFC	0.0%	HFC	0.0%
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. VOC consideration is based on the materials being not photochemically reactive by Commonly Used Standards (material supplier).

### NOTE:

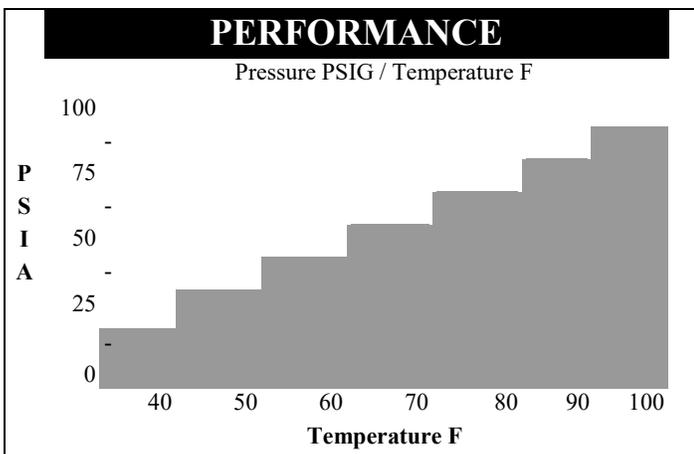
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REV. B (03/17)

### DISTRIBUTED BY:



## USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

No special surface preparation is required prior to using Typhoon Blast™ All-Way Duster. 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

ES1624E 200ml All-Way Aerosol

## 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.**