

Typhoon Blast™ Duster

Product# ES1824E

Product Description

Typhoon Blast™ Duster is engineered to provide effective particle removal from sensitive and difficult to reach surfaces, while minimizing global warming impact. Formulated with HFO1234ze, this duster offers the lowest global warming impact (GWP = 6) when compared to utilizing HFC-134a (GWP = 1300) or HFC-152a (GWP = 140)*. This portable, 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 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™ 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

Boiling Point:	- 2 °F / -19°C
Internal Pressure:	47 psia @ 70 °F
Vapor Density (air=1) @ 77°F:	4.0
Solubility in Water @ 77°F F/1 atm:	1.17
Specific Gravity: (butyl acetate=1)	>1
Appearance:	Clear, Colorless, Liquefied Gas
Odor	Slight Ethereal
Global Warming Potential⁰	6.0*
Flash Point (TCC)	None
Shelf life	5 years*
RoHS Compliant	Yes

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

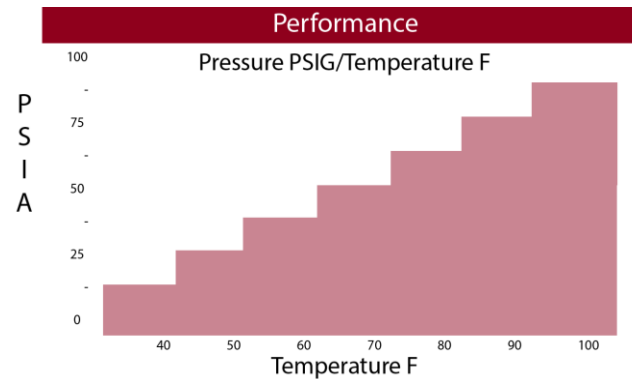
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Compatibility

Typhoon Blast™ Duster is generally compatible with most materials 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.

Material Name	Compatibility
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



Usage Instructions

For industrial use only. Read SDS carefully prior to use.

No special surface preparation is required prior to using Typhoon Blast™ 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
ES1824E

400ml Aerosol

Technical and 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

CFC	0.0%
HCFC	0.0%
HFC	0.0%
CL Solv.	0.0%
VOC	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 photo chemically reactive by Commonly Used Standards (material supplier).

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.