



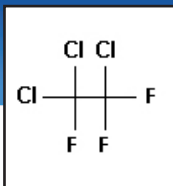
R-113 1,1,1-Trichlorotrifluoroethane

Also known as: CFC-113, Freon 113, Genetron 113, Forane 113

Freon is a registered trade name for E. I. DuPont. Genetron is a registered trade name for Allied Signal Corporation. Forane is a registered trade name for Elf Atochem

www.refrigerantsupply.com

6581 Mad River Road, Dayton, OH 45459 | Phone: (877) 234-5667 | Fax: (937) 439-0046



General Information

Chemical Formula	CAS Registry #	Color & Odor	Refrigerant Applications
CCIF ₂ CCIF ₂	354-58-5	Colorless liquid with ether like odor	Industrial and Commercial Air Conditioning

Physical Data

Molecular Mass	Boiling Point C°	Boiling Point F°	Critical Temperature C°	Critical Temperature F°	Critical Pressure MPa	Critical Pressure psia
187.37	47.6	117.7	214.1	417.4	3.39	492

Toxicity & Global Warming Data

TLV-TWA	Years of Atmospheric Lifetime	Ozone Depletion Potential	Global Warming Potential
1,000	85	0.900	6000

Packaging Information

Packaged in	Volumes available in pounds	Color of Container
Metal Drums	100, 200, 690	Dark Purple (violet)

Shipping Information

DOT Shipping Name	Hazard Class	UN/NA Number	Packing Group	Labels Required
Non Hazardous, Non Regulated	N/A	N/A	N/A	N/A

ARI 700 Reclaim Standards

Isomer Content by weight	Air and other non-condensables % by volume @ 25°C	Water in ppm by weight	All other impurities including refrigerants as % by weight	Oil and other high boiling residues as % by volume	Particulates/solids visually clean to pass	Acidity as ppm by weight	Chloride (pass/fail is 3 ppm)
0-1% R-113a	N/A	20	0.50	0.03	pass	1.0	pass

THE DATA PRESENTED ON THIS DATASHEET HAS BEEN COLLATED FROM A NUMBER OF SOURCES. THE DATA HAS NOT BEEN VALIDATED. USE THIS DATA AT YOUR OWN DISCRETION - REFRIGERANT SUPPLY INC. DOES NOT GUARANTEE ITS ACCURACY, OR ITS APPLICABILITY TO ANY PURPOSE.

Refrigerant Supply Inc provides this information in its website as a free value to anyone who cares about environmental or chemical issues. The sources of this information could not be validated. This site is a compilation of information meant for casual reference only. Refrigerant Supply Inc. assumes no liability whatsoever for the accuracy or use of the information offered. It is hoped that this resource provides users with a heightened interest in such matters, stimulating independent research and review. Any matters which need professional attention may be brought to our attention via Email.

All rights reserved Refrigerant Supply Inc. 1999