
**General Information**

Chemical Formula	CAS Registry #	Color & Odor	Refrigerant Applications
Azeotropic Blend of R-22 and R-115	75-461-6 and 76-15-3	Colorless Pressurized liquid with slight ether like odor	Medium and low temperature refrigeration

**Physical Data**

Molecular Mass	Boiling Point C°	Boiling Point F°	Critical Temperature C°	Critical Temperature F°	Critical Pressure MPa	Critical Pressure psia
111.63	-45.3	-49.5	80.7	177.3	4.02	583

**Toxicity & Global Warming Data**

TLV-TWA	Years of Atmospheric Lifetime	Ozone Depletion Potential	Global Warming Potential
1,000		0.221	6200

**Packaging Information**

Packaged in	Volumes available in pounds	Color of Container
Pressurized cylinders	30, 50, 125, 875, 1,750	Light purple (lavender)

**Shipping Information**

DOT Shipping Name	Hazard Class	UN/NA Number	Packing Group	Labels Required
Chlorodifluoromethane and chloropentafluoroethane azeotropic mixture	2.2	UN1973		nonflammable gas

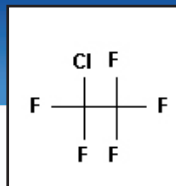
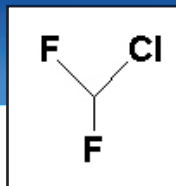
**ARI 700 Reclaim Standards**

Allowable Comp. 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)
44.8-52.8 47.2-55.2	1.5	10	0.50	0.01	pass	1.0	pass

(See also page 2)

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### Alternative Refrigerant Options for R-502

(Alternative will require retrofit and maybe new equipment)

(These alternatives may or may not be officially approved by the various governmental agencies)

Alternative	Composition	Manufacturers	Trade Names
R-402A	HCFC-22 - 38% HFC-125 - 60% R-290 (propane) - 2%	DuPont	SUVA HP-80
R-420B	HCFC-22 - 60% HFC-152a - 38% R-290 (propane) - 2%	DuPont	SUVA HP-81
R-404A	HCFC-143a - 52% HFC-125 - 44% HFC-134a - 4%	DuPont Elf Atochem	SUVA HP-62 FX-70
R-407A	HFC-32 - 20% HFC-125 - 40% HFC-134a - 40%	ICI Americas	KLEA 407A
R-407B	HFC-32 - 10% HFC-125 - 70% HFC-134a	ICI Americas	KLEA 407B
R-408A	HFC-143a - 47% HCFC-22 - 46% HFC-125 - 7%	Elf Atochem	FX-10
R-411A	HCFC-22 HFC-152A Propylene	GU/Greencool	G2018A
R-411B	HCFC-22 HFC-152a Propylene	GU/Greencool	G2018B
R-507	HFC-143a - 50% HFC-125 - 50%	Allied Signal	AZ-50
R-403B	HCFC-22 - 56% R-218-perfluoropropane 39% R-290 (propane) - 5%	Rhone Poulenc	Isceon-69L

SUVA is a registered trade name for E. I. DuPont. Klea is a registered trade name for ICI Americas. AZ-50 is a registered trade name for Allied Signal. Isceon is a registered trade name for Rhone Poulenc. G2018A and G2018B are registered trade names for GU/Greencool. FX-10 and FX-70 are registered trade names for Elf Atochem.

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