

Briton[®]

REFRIGERANT

Refrigerants cooling all world



R-22

R-32

R-134a

R-410a

R-404a

R-407c

R-600a

Briton Gas is a leading international group in the refrigerants (Gases R134a, R404a, R407c, R410a, R22 etc) and specialty gases business and in environmental technologies and services.

R Rhodia
Chemicals Ltd.
United Kingdom

www.rhodia-refrigerants.co.uk



Refrigerants Gas Briton ®

is a leading International group in refrigerants (Gases R134a, R404a, R407c, R410a, R22, R141b) It is a specialty gases business and specializes in environmental technologies and services. The Refrigerants Briton group has an established tradition of research, combining experience with continuous innovation and developing advanced solutions and technologies for the industry.

Investing in technical and organizational knowledge and the development of high-technology and high-capacity systems at our industrial facilities have enabled the group to obtain a great degree of flexibility and efficiency.

Briton is committed to sustainable development and high-quality standards, offering a wide range of high-performance products and services for several different industries. Such as air-conditioning, refrigeration/automotive industries and pharmaceutical sectors, with a strong presence all across Europe and a significant position on international markets.

With an international organization dedicated to sales and distribution, our group is present in more than 10 countries with a strong belief in satisfying the needs of our customers with the highest degree of professionalism. Our group Briton continues to grow constantly managed by highly trained professionals, with the commitment to bringing benefits to our customers and to contribute to increasing quality of life.

Worldwide Distributors:

We have dedicated distributors all around the world. Our range of products is available to all our distributors in a wide range.



13.6 kg

Briton[®] REFRIGERANT R22



2.8 kg



650 g

PRODUCT SPECIFICATIONS

Purity: Minimum 99.5 %w/w

Water content: Maximum 10.0 ppm w/w

Non-Condensable Gas (vapour phase): Maximum 1.5 % v/v

High boiling residue: Maximum 0.01 % w/w

Acidity: (as HCl) Maximum 1.0 ppm w/w

Chloride: No visible turbidity Pass

Appearance: Clear and colourless liquefied gas

Cylinder Weight: 13.6 kg, 2.8 kg & 650 g

ASHRAE Number: R22

CAS Number: 75-45-6

Chemical Name: Chlorodifluoromethane

Chemical Formula: CHClF_2



Product
Specification



Safety
Data Sheet

For toxicological and health and safety information, please consult our Material Safety Data Sheet.





13.6 kg

Briton[®] REFRIGERANT R134a



3 kg



820 g

PRODUCT SPECIFICATIONS

Purity: Minimum 99.5 %w/w

Water content: Maximum 10.0 ppm w/w

Non-Condensable Gas (vapour phase): Maximum 1.5 % v/v

High boiling residue: Maximum 0.01 % w/w

Acidity (as HCl): Maximum 1.0 ppm w/w

Chloride: No visible turbidity Pass

Appearance: Clear and colourless liquefied gas

Cylinder Weight: 13.6 kg, 3 kg & 820 g

ASHRAE Number: R134a

CAS Number: 811-97-2

Chemical Name: 1,1,1,2-tetrafluoroethane

Chemical Formula: CH_2FCF_3



Product
Information



Product
Specification



Safety
Data Sheet

For toxicological and health and safety information, please consult our Material Safety Data Sheet.



11.3 kg

Briton[®]

REFRIGERANT R410A



2.50 kg



600 g

ASHRAE Number: R410A

Component name:
Difluoromethane (R32)
Pentafluoroethane (R125)

Chemical Formula:
 CH_2F_2
 CHF_2CF_3

CAS Number:
75-10-5
354-33-6

Composition:
50 +0.5 -1.5 %w/w
50 +1.5 -0.5 %w/w

PRODUCT SPECIFICATIONS

Purity: Minimum 99.5 %w/w

Water content: Maximum 10.0 ppm w/w

Non-Condensable Gas (vapour phase):

Maximum 1.5 % v/v

High boiling residue: Maximum 0.01 % w/w

Acidity (as HCl): Maximum 1.0 ppm w/w

Chloride: No visible turbidity Pass

Appearance: Clear and colourless liquefied gas

Cylinder Weight: 11.3 kg, 2.50 kg & 600 g



Product
Information



Product
Specification



Safety
Data Sheet

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10.9 kg

Briton[®] REFRIGERANT R404A



2.7 kg



650 g

PRODUCT SPECIFICATIONS

Purity: Minimum 99.5 %w/w

Water content: Maximum 10.0 ppm w/w

Non-Condensable Gas (vapour phase):

Maximum 1.5 % v/v

High boiling residue: Maximum 0.01 % w/w

Acidity (as HCl): Maximum 1.0 ppm w/w

Chloride: No visible turbidity Pass

Appearance: Clear and colourless liquefied gas

Cylinder Weight: 10.9 kg, 2.7 kg & 650 g

ASHRAE Number: R404A

Component name:

1,1,1-Trifluoroethane (R143a)

Pentafluoroethane (R125)

1,1,1,2-Tetrafluoroethane (R134a)

Chemical Formula:

CH_3CF_3

CHF_2CF_3

CH_2FCF_3

Composition:

52 +/- 1 %w/w

44 +/- 2 %w/w

4 +/- 2 %w/w

CAS Number:

420-46-2

354-33-6

811-97-2



Product
Information



Product
Specification



Safety
Data Sheet

For toxicological and health and safety information, please consult our Material Safety Data Sheet.



11.3 kg

Briton® **REFRIGERANT R407C**



2.8 kg



650 g

ASHRAE Number: R407C

Component name:

- Difluoromethane (R32)
- Pentafluoroethane (R125)
- 1,1,1,2-Tetrafluoroethane (R134a)

Chemical Formula: CAS Number:

CH ₂ F ₂	75-10-5
CHF ₂ CF ₃	354-33-6
CH ₂ FCF ₃	811-97-2

Composition:

- 23 +/- 2 %w/w
- 25 +/- 2 %w/w
- 52 +/- 2 %w/w

PRODUCT SPECIFICATIONS

Purity: Minimum 99.5 %w/w

Water content: Maximum 10.0 ppm w/w

Non-Condensable Gas (vapour phase):

Maximum 1.5 % v/v

High boiling residue: Maximum 0.01 % w/w

Acidity (as HCl): Maximum 1.0 ppm w/w

Chloride: No visible turbidity Pass

Appearance: Clear and colourless liquefied gas

Cylinder Weight: 11.3 kg, 2.8 kg & 650 g



Product Information



Product Specification



Safety Data Sheet

For toxicological and health and safety information, please consult our Material Safety Data Sheet.



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