



>> R600A

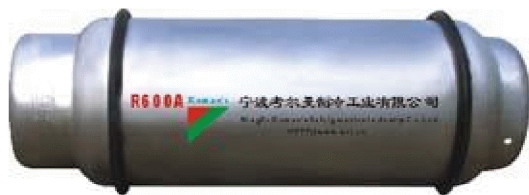
Isobutane R600A ,Mainly it is a substitute of R12.

Typical Properties:

Molecular weight	58.12
BP,	-11.80
Ice point	-
Critical temperature ,	134.98
Critical pressure ,Mpa	3.66
Density of saturated liquid25 ,(g/cm 3)	0.551
Specific heat of liquid 25 ,[KJ/(Kg)]	2.38
Solubility(water,25)%	-
ODP	0
GWP	0.1
Critical density,g/cm 3	0.221
Vaporization heat under BP ,KJ/Kg	366.5

Package and Storage

Disposable steel cylinder 14.3LB/6.5kg, 24LB/10.9KG, refillable steel cylinder 12L,14.3L, steel cylinder 926L,ISO tank





>> R227EA

HFC-227ea is a colorless gas at normal temperature and pressure. As a clean, environment-friendly, high effective and low toxic fire extinguishing agent, HFC-227ea is ideal substitute for halon 1301, and has been accepted by NFPA in its 2001 new standard. HFC-227ea can also be used as refrigerant and medicine propellant.

Physical Properties:

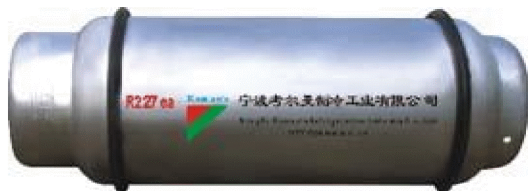
Formula: $\text{CF}_3\text{CH}_2\text{CF}_3$
Molecular Weight: 170.00
Boiling Point (°C): -16.4
Vapor Pressure @21 MPa: 0.404
Critical Temperature (°C): 101.7
Critical Pressure MPa: 2.9
Liquid Density @21 : 1.403g/cm³
ODP: 0
LC50(rat, 4hr) >800,000 ppm
NOAEL: 9.0%
LOAEL: >10.5%
Cup Burner Extinguishing Conc., %v/v(n-heptane): 5.8

Commerical Specification :

Purity 999.6%
Moisture 10mg/kg
Acidity 1mg/kg
Nonvolatile Residue 0.01%
Suspended Matter or Sediment: none visible

Package and Storage:

Disposable steel cylinder 50LB/22.7kg, steel cylinder 926L, ISO tank. HFC-227ea should be stored in cool, dry and ventilated place.





>> R142B

HCFC-142b is colorless gas with slightly aromatic smell at room temperature. It becomes colorless and transparent liquid under the pressure created by itself. It dissolves in oil easily, but not in water. Its main applications cover refrigerating systems at high temperature, on-off thermostat and intermediate in the aviation propellant. It can also be used in chemical industry.

Physical Properties:

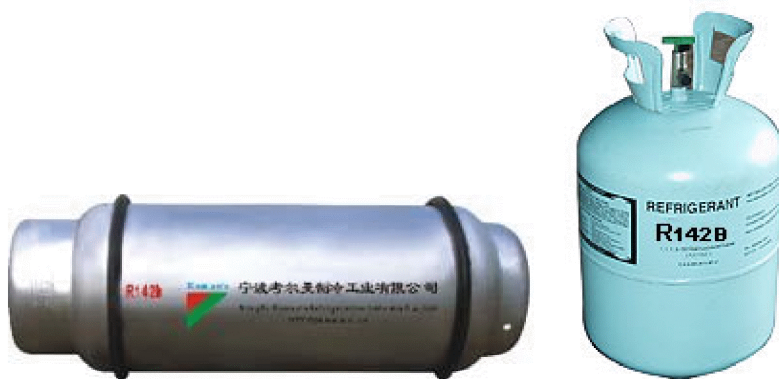
Formula: CClF_2CH_3
Boiling Point (101.3KPa): -9.2
Critical Temperature (°): 136.45
Critical Pressure (KPa): -
Density (g/cm³ 30): 1.096

Specification:

Appearance	Colorless and Transparent
Odor	Odorless
Purity (%)	99.8
Moisture (%)	0.001
Acidity (%HCl)	0.0001
Residue (%)	0.01

Package and Storage:

Disposable steel cylinder 30LB/13.6kg, 50LB/22.7KG, refillable steel cylinder 12L, 14.3L, steel cylinder 400L, 800L, 926L, ISO tank. It should be stored in dry, cool and ventilated place with no direct sunlight or rain.





>> R123

Product: R123 Dichlorotrifluoroethane

Quality Standard:

Purity, %≥99.8

Moisture, ppm≤20

Acidity, ppm≤0.1

Vapor Residue, ppm≤100

Appearance, Colorless

Package: Steel drum 50KG, 100KG, 250KG, ISO tank

