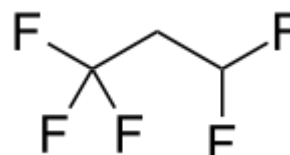


GC HFC 245fa

1,1,1,3,3-Pentafluoropropane (C₂H₂F₄)

Chemical Formula C₃H₃F₅
Molecular Weight 134.05 g/mol
CAS Registry Number 460-73-1



GC HFC 245fa is a hydrofluorocarbon used primarily for closed-cell spray foam.

GC HFC 245fa, unlike CFC and HCFC blowing agents formerly used for this purpose, has no ozone depletion potential and is nearly non-toxic. Although it is intended to remain trapped within the foam insulation, it is practically non biodegradable with a lifetime of 7.2 years when it eventually does escape into the atmosphere. GC HFC 245fa is also used as refrigerant gas for air conditioned systems.

GC HFC 245fa is a colorless, non-flammable volatile liquid or gas hydrofluorocarbon.

PHYSICO-CHEMICAL PROPERTIES

Appearance	Clear Gas
Odor	Odorless
Purity, %	Min. 99,5
Moisture, %	≤ 0.005
Acidity (as in HCl), %	≤ 0.0003
High boiling residue, %	≤ 0.01
Boiling point, °C	15,3 (lit.)

HANDLING AND STORAGE:

The processing and use of GC HFC 245fa requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC HFC 245fa has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

PACKAGING:

Standard pack size of GC HFC 245fa is a 24700 litre gas container with a net loading of 18 metric tons or 1 MT cylinder.

NOTE:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improper use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.