

PRODUCT DESCRIPTION

R227EA is a high-purity hydrofluorocarbon (HFC) widely used as a clean agent fire suppression gas. It is designed to provide rapid, effective fire protection without leaving residue, making it ideal for protecting sensitive equipment and high-value assets.

R227EA extinguishes fire by absorbing heat and interrupting the combustion process, ensuring fast suppression while being safe for occupied spaces when used within design limits.

APPLICATIONS

Data centers and server rooms
 Marine and offshore installations
 Telecommunications facilities
 Museums and archives
 Electrical control rooms

PACKAGING



- 12kg Refillables
- 60kg Refillables
- 1000kg Roll Drums
- 20,000kg ISO Tanks

CHEMICAL PROPERTIES

Chemical Name	1,1,1,2,3,3,3 Heptafluoropropane
CAS No.	431-89-0
REACH Registration	01-2119485489-18
ECC No	207-079-2
Molecular Weight	170.03 (g/mol)
Form	Liquefied Gas
Color	Clear, colorless
Odor	Faint ether-like odour
pH	Neutral
Melting Point	129.5°C (-201.1°F)
Boiling Point	-16.5°C (2.5 F)
Relative Density	1.46 at 20°C
Vapor Density	6.04 (air = 1)
Vapor Pressure	4,030 mm Hg at 21°C
Partition coefficient	Log pow = 2.29
Water Solubility	Slightly in water
Critical Temperature	100.0°C
GWP	3300
ODP	Non-Ozone Depleting