

Cosutin Industrial CO., Limited

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HFC 365/245(60:40)

GENERAL DESCRIPTION

HFC 365mfc/HFC 245fa (60:40) is the perfect balance of characteristics of both third generation blowing agents HFC 365mfc and HFC 245fa. A zero ODPHFC blend (as an R-141B replacement). Good thermal conductivity. Converting foaming machines from HCFC-141b to HFC-365mfc/245fa is easy and cost effective. 365/245 gives superior insulation performance, excellent fire resistance, easy processing. Existing Storage Facilities can be used, Some precautions are recommended to account for potential flammable mixtures in air (e.g. no smoking policy etc.) - no ex-proof facility is required. Applications include reefer containers and refrigerated transportation, continuous/discontinuous insulation panels, sandwich panels, appliances.

SPECIFICATIONS

Appearance :	Colourless and not turbid
Purity, %	≥99.7
Moisture%	≤0.001
Evaporation residue%	≤0.01
Acidity (as HCl) %	≤0.0001
Chloride, no visible turbidity (indicates about 3 ppm)	Pass
Particulates / solids (visually clean to pass)	Pass

PROPERTIES

1,1,1,3,3-pentafluorobutane(HFC 365mfc)

CAS Number	:	406-58-6
Symbols	:	F
Phrases R	:	11
Concentration	:	60.00 %

1,1,1,3,3-Pentafluoropropane (HFC 245fa)

CAS Number	:	460-73-1
Concentration	:	40.00 %

Appearance:	Liquefied
Color/Colour:	colorless/colourless
Odor/Odour:	ethereal
Molecular weight	142.4
Normal boiling point°C	27
Vapor Pressure	No data
Psia @68°F	11.2
Bar, abs.@20°C	0.8
Vapor Thermal Conductivity	11.2
Flash Point	None
ODP	0
GWP, 100yr time Horizon	914

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Hazard pictogram(s): no pictogram required

Safety Description:

S59 Refer to manufacturer / supplier for information on recovery / recycling.

S61 Avoid release to the environment. Refer to special instructions / safety data sheets.