

DuPont FluoroIntermediates

HFP
Hexafluoropropylene
 $\text{CF}_3\text{-CF=CF}_2$



Description and Uses

HFP is used in the manufacture of fluoropolymers and in other specialty agrochemical and pharmaceutical applications.

Product Data

Chemical name	1-Propene, 1,1,2,3,3,3-Hexafluoro
CAS number	116-15-4
EINECS number	204-127-4
Molecular Weight	150 g/mol
Boiling Point at 1 atm	-29.4°C (-20.9°F)
Critical Temperature	85.8°C (186.4°F)
Shipping UN number	UN1858
Vapor Pressure, 25°C	194.5 kPa (28.2 psia)
Liquid Density, 20°C	1332 kg/m ³ (83.2 lb/ft ³)
Flammability Limits	Nonflammable in air
Toxicity, AEL 8 hr*	0.5 vol, ppm
TSCA-Reported/Included	Yes
Organic Purity – HFP	99.9 mole % min

*AEL is the DuPont Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.



The miracles of science™

For more information call (302) 774-1258

Toll Free: 1-800-207-0756

www.dupont.com/fluoroIntermediates

DuPont Fluoroproducts
P.O. Box 80713

Customer Information Center in Geneva: +41-22-717-5950

Fax Number: +41-22-717-5948

We support English, German, French, Italian and Spanish languages.

eu-info@dupont.com

Copyright © 2007 DuPont or its affiliates. All rights reserved. The DuPont Oval Logo, DuPont™, and The miracles of science™ are registered trademarks or trademarks of E. I. du Pont de Nemours and Company or its affiliates.

NO PART OF THIS MATERIAL MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE WITHOUT THE PRIOR WRITTEN PERMISSION OF DUPONT.

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable. It is intended for use by persons having technical skill, at their own discretion and risk. The handling precaution information contained herein is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Because conditions of product use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any material, evaluation of any compound under end-use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

CAUTION: Do not use in medical applications involving permanent implantation in the human body or contact with internal body fluids or tissues. For other medical applications, see "DuPont Medical Caution Statement," H-50102.

