

# Hydrofluoric Acid

HF (Hydrofluoric Acid) CFC  
(Chlorofluorocarbon)

HF HFC (Hydrofluorocarbon)  
, HFC CFC  
HCFC (Hydrochlorofluorocarbon)

HF (Fluorspar) Acid  
(Sulfuric Acid),  
Kvaerner Buss CPS  
Honeywell

, 44 11 -  
12

HF 2004 43 9000

Solvay Fluorides 2005

Juarez HF 3 1000

3 6000, Alcan

Industrias Quimicas Aluminum

Fluoride HF

HFC 23, 32, 125, 143a,  
152a, 227ea, 236fa, 245fa, 4310

가 가

80% 가 가

HF 2003 33 1000

2004 35 5000 가 2008

41

HF 2003 11 1000 2004

12 8000 가 2003

9000 2004 9000

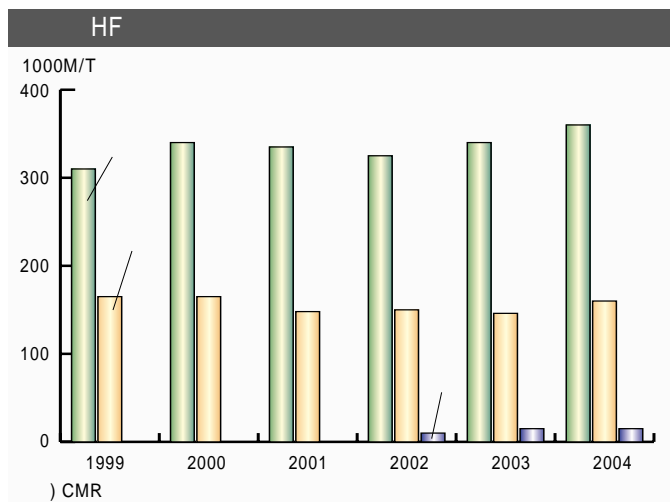
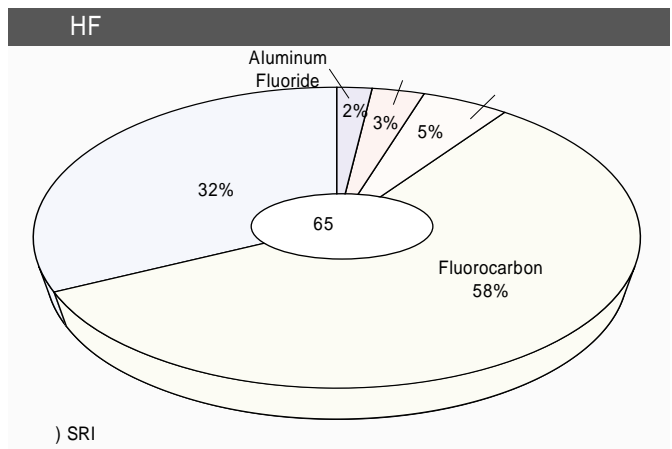
HF 가 (List Price) 1999-

2004 Aqueous 70% Bulk

10 0.65

2004 (Fluorocarbon) 58%,

HF (2004)		( : 1000M/T)
Alcan	Jonquiere(Quebec)	34
DuPont	La Porte(Tex)	80
Honeywell	Amherstburg(Ontario)	52
	Geismar(La)	130
Industrias Quimicas	San Luis Potosi(Mexico)	7
Quimobasicos	Monterrey(Mexico)	6
Quimica Fluor	Matamoros(Mexico)	94
Solvay Fluor Mexico	Juarez(Mexico)	36
		439



0.65 , 0.62 2005

(Aluminum Fluoride) 13%,

(Alkylation Catalyst) 3%,  
 (Etching) 3%, (Uranium  
 Fuel) 가 2%, 21%

HF  
 HF 1999-2004 3.8%  
 2008 HFC 3.8% GDP

HF  
 가 2 50%  
 2005-06

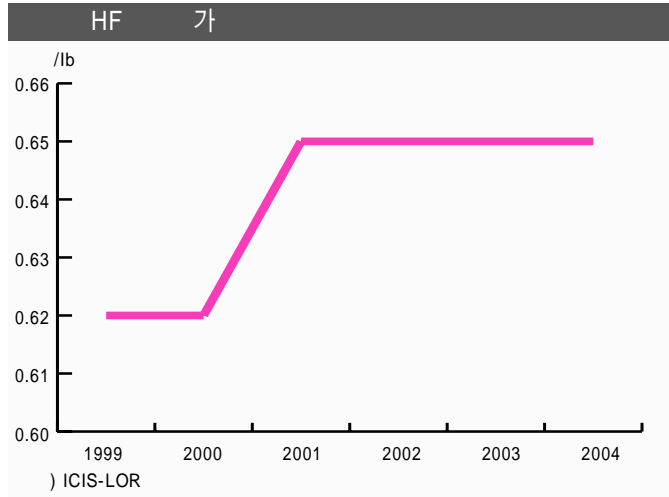
Honeywell 2 가  
 2005 HF 가 8%  
 (Acid )

1999-2003 135 2004 가  
 169 2005 186  
 2 38%

, Non-HFC 가  
 HF HCFC HFC  
 5 1-2%  
 , Non-HFC  
 가

HF  
 Rhodia Avonmouth  
 HF 가 2005 Anhydrous 가  
 FOB 1800 , 70% Aqueous  
 가 14430

HF 가  
 HF 5 3-4% 가 HF

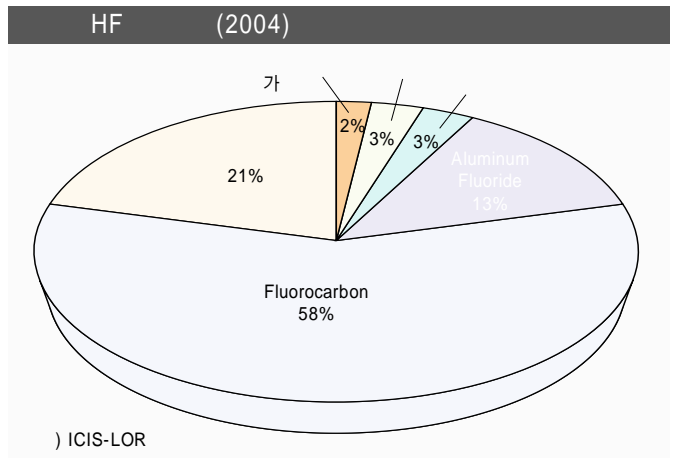


Company	Location	Capacity (1000M/T)
Honeywell	Geismar(LA)	130
DuPont	La Porte(TX)	80
Honeywell	Amherstburg(ON)	52
Quimica Fluor	Matamoros	94
Solvay Fluor Mexico	Ciudad Juarez	36
		13
Arkema	Pierre-Benite	35
Bayer	Leverkusen	40
Solvay Fluor	Bad Wimpfen	29
Fluorchemie Dohna	Dohna	12
Honeywell	Seelze	12
Fluorchemie Stulln	Stulln	10
		11
Solvay Flour	Porto Marghera	50
Fluorsid	Assemini	50
Bonelli SpA	Treviglio	4
		11
		30
Derivados del Fluor	Onton	60
Ineos Fluor	Runcorn	35
		281
		50
Stella Chemifa	Sakai	50
Asahi Glass	Ichibara	26
Morita Chemical Industries	Sakai	20
Daikin Industries	Settsu	16
Central Glass	Ube	10
		12
가		20
		11

) SRI

HF

Arkema 2003 Changshu  
 HF 1 50%  
 , Stella Chemifa  
 Zhejiang Central Fluor Industrial  
 Jiahua 1



### HCFCs

HF	HF	HCFCs		
2003	1	1	HCFC-141b	2010
			HCFC	HCFC-22
Honeywell		가	가	HCFC
	가	GDP	가	
Honeywell	2003	2	Geismar	HFC-125
HF				가
				HCFC