

# Fluorocarbons and Sulphur hexafluoride

## HCFCs

### Products and main applications

#### Major HCFC molecules

Designation	Complete name	Formula	CAS number	Main applications
HCFC-22	chlorodifluoro-methane	$\text{CHClF}_2$	75-45-6	- <a href="#">Refrigerant</a> (pure or in blends for CFC drop-ins) - Blowing agent component for <a href="#">polyurethane foams (PUR)</a> and for <a href="#">extruded polystyrene foams (XPS)</a>
HCFC-123	2,2-dichloro-1,1,1-trifluoroethane	$\text{CHCl}_2\text{CF}_3$	306-83-2	- <a href="#">Refrigerant</a> for large chillers - <a href="#">Firefighting Agent</a>
HCFC-124	1-chloro-1,2,2,2-tetrafluoroethane	$\text{CHClF-CF}_3$	20837-89-0	- <a href="#">Refrigerant</a> in special applications - <a href="#">Firefighting Agent</a>
HCFC-141b	1,1-dichloro-1-fluoro-ethane	$\text{CCl}_2\text{FCH}_3$	1717-00-6	- Blowing agent for <a href="#">polyurethane and phenolic foams</a> - <a href="#">Solvent</a>
HCFC-142b	1-chloro-1,1-difluoro-ethane	$\text{CClF}_2\text{CH}_3$	75-68-3	Blowing agent component for <a href="#">polyurethane foams (PUR)</a> and for <a href="#">extruded polystyrene foams (XPS)</a>