

**Elenco aggiornato<sup>1</sup> dei gas fluorurati ad effetto serra considerati ai fini della dichiarazione FGas (DPR 43/2012, art.16, paragrafo 1)**

Le sostanze a base di gas fluorurati ad effetto serra inclusi nell'elenco che segue sono 76: 25 sostanze pure e 51 preparati/miscele (contenenti almeno una delle 25 sostanze pure di cui all'Allegato I al DPR 43/2012 e aventi GWP pari almeno a 150).

<b>Sigla</b>	<b>Gas Fluorurato</b>	<b>Nome composto / miscela (n.d.= non disponibile)</b>	<b>Formula chimica (n.d.= non disponibile)</b>
R-23	HFC-23	Trifluorometano	CHF <sub>3</sub>
R-32	HFC-32	Difluorometano	CH <sub>2</sub> F <sub>2</sub>
R-41	HFC-41	Fluorometano	CH <sub>3</sub> F
R-125	HFC-125	Pentafluoroetano	C <sub>2</sub> HF <sub>5</sub>
R-134	HFC-134	1,1,2,2-tetrafluoroetano	C <sub>2</sub> H <sub>2</sub> F <sub>4</sub>
R-134a	HFC-134a	1,1,1,2-tetrafluoroetano	C <sub>2</sub> H <sub>2</sub> F <sub>4</sub>
R-143	HFC-143	1,1,2-trifluoroetano	C <sub>2</sub> H <sub>3</sub> F <sub>3</sub>
R-143a	HFC-143a	1,1,1-trifluoroetano	C <sub>2</sub> H <sub>3</sub> F <sub>3</sub>
R-152a	HFC-152a	1,1-difluoroetano	C <sub>2</sub> H <sub>4</sub> F <sub>2</sub>
R-227ea	HFC-227ea	1,1,1,2,3,3,3-eptafluoropropano	C <sub>3</sub> HF <sub>7</sub>
R-236cb	HFC-236cb	1,1,1,2,2,3-esafluoropropano	C <sub>3</sub> H <sub>2</sub> F <sub>6</sub>
R-236ea	HFC-236ea	1,1,1,2,3,3-esafluoropropano	C <sub>3</sub> H <sub>2</sub> F <sub>6</sub>
R-236fa	HFC-236fa	1,1,1,3,3,3-esafluoropropano	C <sub>3</sub> H <sub>2</sub> F <sub>6</sub>
R-245ca	<i>n.d.</i>	1,1,2,2,3-pentafluoropropano	C <sub>3</sub> H <sub>3</sub> F <sub>5</sub>
R-245fa	HFC-245fa	1,1,1,3,3-pentafluoropropano	C <sub>3</sub> H <sub>3</sub> F <sub>5</sub>
R-365mfc	HFC-365mfc	1,1,1,3,3-pentafluorobutano	C <sub>4</sub> H <sub>5</sub> F <sub>5</sub>
Vertrel XF	HFC-43-10mee	pentano, 1,1,1,2,2,3,4,5,5,5-decafluoruro	C <sub>5</sub> H <sub>2</sub> F <sub>10</sub>
R-14	CF <sub>4</sub>	Tetrafluorometano	CF <sub>4</sub>
R-116	C <sub>2</sub> F <sub>6</sub>	Esafluoroetano	C <sub>2</sub> F <sub>6</sub>
R-218	C <sub>3</sub> F <sub>8</sub>	Ottafluoropropano	C <sub>3</sub> F <sub>8</sub>
R-c318	c-C <sub>4</sub> F <sub>8</sub>	Ottafluorociclobutano	c-C <sub>4</sub> F <sub>8</sub>
R-3-1-10	C <sub>4</sub> F <sub>10</sub>	Decafluorobutano	C <sub>4</sub> F <sub>10</sub>
<i>n.d.</i>	C <sub>6</sub> F <sub>14</sub>	Tetradecafluoroesane	C <sub>6</sub> F <sub>14</sub>
<i>n.d.</i>	C <sub>5</sub> F <sub>12</sub>	Perfluoropentano	C <sub>5</sub> F <sub>12</sub>
<i>n.d.</i>	SF <sub>6</sub>	Esafluoruro di zolfo	SF <sub>6</sub>
R-401A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-401B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-401C	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-402A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-402B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-403A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-403B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-404A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>

<sup>1</sup> Al 3 febbraio 2014.

<b>Sigla</b>	<b>Gas Fluorurato</b>	<b>Nome composto / miscela (n.d.= non disponibile)</b>	<b>Formula chimica (n.d.= non disponibile)</b>
R-405A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-407A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-407B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-407C	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-407D	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-407E	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-407F	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-408A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-410A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-410B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-411A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-411B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-412A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-413A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-415A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-415B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-416A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-417A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-417B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-418A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-419A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-420A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-421A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-421B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-422A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-422B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-422C	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-422D	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-423A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-424A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-425A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-426A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-427A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-428A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-434A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-437A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-438A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-500	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-503	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-504	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-507	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-507A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-508A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>
R-508B	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>

<b>Sigla</b>	<b>Gas Fluorurato</b>	<b>Nome composto / miscela (n.d.= non disponibile)</b>	<b>Formula chimica (n.d.= non disponibile)</b>
R-509A	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>