

# 1, 1, 1, 2-テトラフルオロエタン (H F C-134a)

## 解 説

### 訂 正 票

| 位 置   | 誤                                      |  |       |      |       |       |    |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
|---|--|--|-------|------|-------|-------|----|----|-------|---|-----------|---------------------------------------|----------------|---|------|------|------|---|-----------|-------------------------------|---------------|---|------|------|-----|---|-----------|---------------------------------|---------------|---|------|------|------|---|-----------|---------------------------------------|---------------|---|------|------|------|---|-----------|--|---------------|---|------|------|------|---|-----------|--|---------------|---|------|------|------|---|-----------|--------------------------------|---------------|---|------|------|------|---|-----------|---------------------------------|--------------|---|------|------|-----|---|-----------|--|--------------|---|------|------|------|---|
| 8.(1.8.3)   | 例                                      | $\text{CF}_3\text{-CF}_2\text{-CHClF}$ $\Delta 2$ HCFC-225ca<br>$\text{CClF}_2\text{-CF}_2\text{-CHClF}$ $\Delta 18$ HCFC-225cb<br>$\text{CHF}_2\text{-CF}_2\text{-CClF}_2$ $\Delta 34$ HCFC-225cc |       |      |       |       |    |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
|   | 正                                      |  |       |      |       |       |    |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
|   | 例を、解説表 6 に置き換える。以降、解説表を繰り下げる。          |  |       |      |       |       |    |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| 解説表 6 プロパン系 HCFC225 の異性体<br>分子式： $\text{C}_3\text{HF}_5\text{Cl}_2$   |  |  |       |      |       |       |    |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>異性体名称</th> <th>構造式</th> <th>2 級炭素</th> <th>y</th> <th>W1</th> <th>W2</th> <th>W1-W2</th> <th>z</th> </tr> </thead> <tbody> <tr> <td>HCFC225aa</td> <td><math>\text{CF}_3\text{CCl}_2\text{CHF}_2</math></td> <td><math>\text{CCl}_2</math></td> <td>a</td> <td>57.0</td> <td>39.0</td> <td>18.0</td> <td>a</td> </tr> <tr> <td>HCFC225ba</td> <td><math>\text{CF}_3\text{CClFCHClF}</math></td> <td><math>\text{CClF}</math></td> <td>b</td> <td>57.0</td> <td>55.5</td> <td>1.5</td> <td>a</td> </tr> <tr> <td>HCFC225bb</td> <td><math>\text{CClF}_2\text{CClFCHF}_2</math></td> <td><math>\text{CClF}</math></td> <td>b</td> <td>73.4</td> <td>39.0</td> <td>34.4</td> <td>b</td> </tr> <tr> <td>HCFC225ca</td> <td><math>\text{CHCl}_2\text{CF}_2\text{CF}_3</math></td> <td><math>\text{CF}_2</math></td> <td>c</td> <td>71.9</td> <td>57.0</td> <td>14.9</td> <td>a</td> </tr> <tr> <td>HCFC225cb</td> <td><math>\text{CClF}_2\text{CF}_2\text{CHClF}</math></td> <td><math>\text{CF}_2</math></td> <td>c</td> <td>73.4</td> <td>55.5</td> <td>17.9</td> <td>b</td> </tr> <tr> <td>HCFC225cc</td> <td><math>\text{CCl}_2\text{FCF}_2\text{CHF}_2</math></td> <td><math>\text{CF}_2</math></td> <td>c</td> <td>89.9</td> <td>39.0</td> <td>50.9</td> <td>c</td> </tr> <tr> <td>HCFC225da</td> <td><math>\text{CClF}_2\text{CHClCF}_3</math></td> <td><math>\text{CHCl}</math></td> <td>d</td> <td>73.4</td> <td>57.0</td> <td>16.4</td> <td>a</td> </tr> <tr> <td>HCFC225ea</td> <td><math>\text{CClF}_2\text{CHFCClF}_2</math></td> <td><math>\text{CHF}</math></td> <td>e</td> <td>73.4</td> <td>73.4</td> <td>0.0</td> <td>a</td> </tr> <tr> <td>HCFC225eb</td> <td><math>\text{CCl}_2\text{FCHF}_2\text{CF}_3</math></td> <td><math>\text{CHF}</math></td> <td>e</td> <td>89.9</td> <td>57.0</td> <td>32.9</td> <td>b</td> </tr> </tbody> </table> |  |  | 異性体名称 | 構造式  | 2 級炭素 | y     | W1 | W2 | W1-W2 | z | HCFC225aa | $\text{CF}_3\text{CCl}_2\text{CHF}_2$ | $\text{CCl}_2$ | a | 57.0 | 39.0 | 18.0 | a | HCFC225ba | $\text{CF}_3\text{CClFCHClF}$ | $\text{CClF}$ | b | 57.0 | 55.5 | 1.5 | a | HCFC225bb | $\text{CClF}_2\text{CClFCHF}_2$ | $\text{CClF}$ | b | 73.4 | 39.0 | 34.4 | b | HCFC225ca | $\text{CHCl}_2\text{CF}_2\text{CF}_3$ | $\text{CF}_2$ | c | 71.9 | 57.0 | 14.9 | a | HCFC225cb | $\text{CClF}_2\text{CF}_2\text{CHClF}$ | $\text{CF}_2$ | c | 73.4 | 55.5 | 17.9 | b | HCFC225cc | $\text{CCl}_2\text{FCF}_2\text{CHF}_2$ | $\text{CF}_2$ | c | 89.9 | 39.0 | 50.9 | c | HCFC225da | $\text{CClF}_2\text{CHClCF}_3$ | $\text{CHCl}$ | d | 73.4 | 57.0 | 16.4 | a | HCFC225ea | $\text{CClF}_2\text{CHFCClF}_2$ | $\text{CHF}$ | e | 73.4 | 73.4 | 0.0 | a | HCFC225eb | $\text{CCl}_2\text{FCHF}_2\text{CF}_3$ | $\text{CHF}$ | e | 89.9 | 57.0 | 32.9 | b |
| 異性体名称   | 構造式                                    | 2 級炭素  | y     | W1   | W2    | W1-W2 | z  |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| HCFC225aa   | $\text{CF}_3\text{CCl}_2\text{CHF}_2$  | $\text{CCl}_2$   | a     | 57.0 | 39.0  | 18.0  | a  |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| HCFC225ba   | $\text{CF}_3\text{CClFCHClF}$          | $\text{CClF}$  | b     | 57.0 | 55.5  | 1.5   | a  |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| HCFC225bb   | $\text{CClF}_2\text{CClFCHF}_2$        | $\text{CClF}$  | b     | 73.4 | 39.0  | 34.4  | b  |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| HCFC225ca   | $\text{CHCl}_2\text{CF}_2\text{CF}_3$  | $\text{CF}_2$  | c     | 71.9 | 57.0  | 14.9  | a  |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| HCFC225cb   | $\text{CClF}_2\text{CF}_2\text{CHClF}$ | $\text{CF}_2$  | c     | 73.4 | 55.5  | 17.9  | b  |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| HCFC225cc   | $\text{CCl}_2\text{FCF}_2\text{CHF}_2$ | $\text{CF}_2$  | c     | 89.9 | 39.0  | 50.9  | c  |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| HCFC225da   | $\text{CClF}_2\text{CHClCF}_3$         | $\text{CHCl}$  | d     | 73.4 | 57.0  | 16.4  | a  |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| HCFC225ea   | $\text{CClF}_2\text{CHFCClF}_2$        | $\text{CHF}$   | e     | 73.4 | 73.4  | 0.0   | a  |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| HCFC225eb   | $\text{CCl}_2\text{FCHF}_2\text{CF}_3$ | $\text{CHF}$   | e     | 89.9 | 57.0  | 32.9  | b  |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| 8.(2.1.3)   | 誤                                      | 正  |       |      |       |       |    |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
|   | 末端炭素…については、解説表 6…。                     | 末端炭素…については、解説表 7…。   |       |      |       |       |    |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |
| 解説表 6<br>表題   | 解説表 6 1 級, 3 級炭素の置換コード                 | 解説表 7 1 級, 3 級炭素の置換コード   |       |      |       |       |    |    |       |   |           |                                       |                |   |      |      |      |   |           |                               |               |   |      |      |     |   |           |                                 |               |   |      |      |      |   |           |                                       |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |  |               |   |      |      |      |   |           |                                |               |   |      |      |      |   |           |                                 |              |   |      |      |     |   |           |  |              |   |      |      |      |   |

訂正票とは、規格本体以外（解説ほか）に対する正誤を表します。

平成 20 年 7 月 1 日作成