

**LIST OF HYDROCARBONS INCLUDED IN EQ-COMP**

**PARAFFINS**

<b>Methane (CH<sub>4</sub>)</b>
<b>Ethane (C<sub>2</sub>H<sub>6</sub>)</b>
<b>Propane (C<sub>3</sub>H<sub>8</sub>)</b>
<b>Iso butane (C<sub>4</sub>H<sub>10</sub>)</b>
<b>n butane (C<sub>4</sub>H<sub>10</sub>)</b>
<b>n pentane (C<sub>5</sub>H<sub>12</sub>)</b>
<b>2-methyl butane (C<sub>5</sub>H<sub>12</sub>)</b>
<b>2,2-dimethyl propane (C<sub>5</sub>H<sub>12</sub>)</b>
<b>n hexane (C<sub>6</sub>H<sub>14</sub>)</b>
<b>2-methyl-pentane (C<sub>6</sub>H<sub>14</sub>)</b>
<b>3-methyl-pentane (C<sub>6</sub>H<sub>14</sub>)</b>
<b>2-2dimethyl butane (C<sub>6</sub>H<sub>14</sub>)</b>
<b>2-3dimethyl butane (C<sub>6</sub>H<sub>14</sub>)</b>
<b>n heptane (C<sub>7</sub>H<sub>16</sub>)</b>
<b>3 Ethyl Pentane (C<sub>7</sub>H<sub>16</sub>)</b>
<b>2,2,3 Tri Methyl Butane (C<sub>7</sub>H<sub>16</sub>)</b>
<b>2 Methyl Hexane (C<sub>7</sub>H<sub>16</sub>)</b>
<b>3 Methyl Hexane (C<sub>7</sub>H<sub>16</sub>)</b>
<b>n octane (C<sub>8</sub>H<sub>18</sub>)</b>
<b>2 Methyl Heptane (C<sub>8</sub>H<sub>18</sub>)</b>
<b>3 Methyl Heptane (C<sub>8</sub>H<sub>18</sub>)</b>
<b>4 methyl Heptane (C<sub>8</sub>H<sub>18</sub>)</b>
<b>2,2 Dimethyl Hexane (C<sub>8</sub>H<sub>18</sub>)</b>
<b>2,3 Dimethyl Hexane (C<sub>8</sub>H<sub>18</sub>)</b>
<b>3,3 Dimethyl Hexane (C<sub>8</sub>H<sub>18</sub>)</b>
<b>3,4 Dimethyl Hexane (C<sub>8</sub>H<sub>18</sub>)</b>
<b>n nonane (C<sub>9</sub>H<sub>20</sub>)</b>
<b>2 Methyl Octane (C<sub>9</sub>H<sub>20</sub>)</b>
<b>2,2 Dimethyl Heptane (C<sub>9</sub>H<sub>20</sub>)</b>

<b>3,3 Diethyl Pentane (C<sub>9</sub>H<sub>20</sub>)</b>
<b>2,2,3 Tri Ethyl Hexane (C<sub>9</sub>H<sub>20</sub>)</b>
<b>n decane (C<sub>10</sub>H<sub>22</sub>)</b>
<b>3,3,5 Trimethyl Heptane (C<sub>10</sub>H<sub>22</sub>)</b>
<b>n undecane (C<sub>11</sub>H<sub>24</sub>)</b>
<b>n dodecane (C<sub>12</sub>H<sub>26</sub>)</b>
<b>N tridecane (C<sub>13</sub>H<sub>28</sub>)</b>
<b>n tetradecane (C<sub>14</sub>H<sub>30</sub>)</b>
<b>n pentadecane (C<sub>15</sub>H<sub>32</sub>)</b>

\* CUSTOMISATION OF EQ-COMP MAY BE POSSIBLE TO INCLUDE MORE PARRAFFINS

## CYCLO-PARAFFINS

<b>Cyclopropane (C3H6)</b>
<b>cyclobutane (C4H8)</b>
<b>Cyclo pentane (C5H10)</b>
<b>Cyclo hexane (C6H12)</b>
<b>methyl cyclopentane (C6H12)</b>
<b>Cyclo-Heptane (C7H14)</b>
<b>1,1 Di-methyl Cyclo Pentane (C7H14)</b>
<b>1,2 Di-methyl Cyclo Pentane (C7H14)</b>
<b>Ethyl Cyclo Pentane (C7H14)</b>
<b>Methyl Cyclo Hexane (C7H14)</b>
<b>Ethyl Cyclo Hexane (C8H16)</b>
<b>nPropyl Cyclo Pentane (C8H16)</b>
<b>iso Propyl Cyclo Pentane (C8H16)</b>
<b>Cyclo octane (C8H16)</b>

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## OLEFINS

<b>Ethylene (C<sub>2</sub>H<sub>4</sub>)</b>
<b>Propylene (C<sub>3</sub>H<sub>6</sub>)</b>
<b>isobutylene (C<sub>4</sub>H<sub>8</sub>)</b>
<b>1-Butene (C<sub>4</sub>H<sub>8</sub>)</b>
<b>2-Butene cis (C<sub>4</sub>H<sub>8</sub>)</b>
<b>2-Butene, trans (C<sub>4</sub>H<sub>8</sub>)</b>
<b>1-pentene (C<sub>5</sub>H<sub>10</sub>)</b>
<b>2-methyl-1-butene (C<sub>5</sub>H<sub>10</sub>)</b>
<b>2-methyl-2-butene (C<sub>5</sub>H<sub>10</sub>)</b>
<b>3-methyl-1-butene (C<sub>5</sub>H<sub>10</sub>)</b>
<b>1-hexene (C<sub>6</sub>H<sub>12</sub>)</b>
<b>2-hexene (C<sub>6</sub>H<sub>12</sub>)</b>
<b>3-hexene (C<sub>6</sub>H<sub>12</sub>)</b>
<b>2-methyl-2-pentene (C<sub>6</sub>H<sub>12</sub>)</b>
<b>3-methyl-2-pentene (C<sub>6</sub>H<sub>12</sub>)</b>
<b>4-methyl-2-pentene (C<sub>6</sub>H<sub>12</sub>)</b>
<b>2,3-dimethyl-2-butene (C<sub>6</sub>H<sub>12</sub>)</b>
<b>2,3-dimethyl-1-butene (C<sub>6</sub>H<sub>12</sub>)</b>
<b>3,3-dimethyl-1-butene (C<sub>6</sub>H<sub>12</sub>)</b>
<b>1 Heptene (C<sub>7</sub>H<sub>14</sub>)</b>
<b>2,3,3 -TriMethyl-1-Butene (C<sub>7</sub>H<sub>14</sub>)</b>
<b>1 Octene (C<sub>8</sub>H<sub>16</sub>)</b>
<b>1 Nonene (C<sub>8</sub>H<sub>16</sub>)</b>
<b>1 Decene (C<sub>8</sub>H<sub>16</sub>)</b>

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## DI-OLEFINS

<b>Propadiene (C<sub>3</sub>H<sub>4</sub>)</b>
<b>1,2-butadiene (C<sub>4</sub>H<sub>6</sub>)</b>
<b>1,3-butadiene (C<sub>4</sub>H<sub>6</sub>)</b>
<b>1,2-pentadiene (C<sub>5</sub>H<sub>8</sub>)</b>
<b>1,3-pentadiene, trans (C<sub>5</sub>H<sub>8</sub>)</b>
<b>1,4-pentadiene (C<sub>5</sub>H<sub>8</sub>)</b>

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## ACETYLENES

<b>Acetylene (C<sub>2</sub>H<sub>2</sub>)</b>
<b>methyl Acetylene (C<sub>3</sub>H<sub>4</sub>)</b>
<b>vinyl Acetylene (C<sub>4</sub>H<sub>4</sub>)</b>
<b>1-Butyne (C<sub>4</sub>H<sub>6</sub>)</b>
<b>1-pentyne (C<sub>5</sub>H<sub>8</sub>)</b>

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## AROMATICS

<b>Benzene (C<sub>6</sub>H<sub>6</sub>)</b>
<b>Toluene (C<sub>7</sub>H<sub>8</sub>)</b>
<b>Styrene (C<sub>8</sub>H<sub>8</sub>)</b>
<b>O xylene (C<sub>8</sub>H<sub>10</sub>)</b>
<b>M Xylene (C<sub>8</sub>H<sub>10</sub>)</b>
<b>P Xylene (C<sub>8</sub>H<sub>10</sub>)</b>
<b>N Propyl Benzene (C<sub>9</sub>H<sub>12</sub>)</b>
<b>iso Propyl Benzene (C<sub>9</sub>H<sub>12</sub>)</b>
<b>n Butyl Benzene (C<sub>10</sub>H<sub>14</sub>)</b>
<b>iso Butyl Benzene (C<sub>10</sub>H<sub>14</sub>)</b>

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## INORGANIC GASES

<b>Nitrogen (N<sub>2</sub>)</b>
<b>Oxygen (O<sub>2</sub>)</b>
<b>Argon (Ar)</b>
<b>Hydrogen (H<sub>2</sub>)</b>
<b>Carbondioxide (CO<sub>2</sub>)</b>
<b>Hydrogensulfide (H<sub>2</sub>S)</b>

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