| **Directions:** 1. Organize the chemicals into categories of your choosing. Pay less attention to the number of carbon atoms, and more attention to the new elements that make these compounds not hydrocarbons and their properties.
2. Think about how these chemicals will be named. For each category, decide if they need one organic prefix (meth-, eth-) or two separate prefixes.
 | \\WFFS1\Teachers\kdrury\download (1).pngWater SolubleFlammable |
| --- | --- |
| \\WFFS1\Teachers\kdrury\download (2).pngWater SolubleFlammable  | \\WFFS1\Teachers\kdrury\download (3).pngWater SolubleFlammable  |
| Water Insoluble\\WFFS1\Teachers\kdrury\download.jpgAnesthetic | \\WFFS1\Teachers\kdrury\download (4).pngWater InsolubleAnesthetic  |
| \\WFFS1\Teachers\kdrury\images (1).pngWater InsolubleAnesthetic  | \\WFFS1\Teachers\kdrury\download (13).pngWater SolublePreservativeCarcinogen |
| H:\download.pngWater SolublePreservativeCarcinogen | \\WFFS1\Teachers\kdrury\images (5).pngWater SolublePreservativeCarcinogen |
| \\WFFS1\Teachers\kdrury\download (12).pngWater SolubleIndustrial solvent | H:\butanone-lewis2.pngWater SolubleIndustrial solvent   |
| \\WFFS1\Teachers\kdrury\download (7).pngWater SolubleLow pH | \\WFFS1\Teachers\kdrury\download (8).pngWater SolubleLow pH |
| \\WFFS1\Teachers\kdrury\download (9).pngWater SolubleLow pH | \\WFFS1\Teachers\kdrury\download (5).pngWater InsolublePleasant odor |
| \\WFFS1\Teachers\kdrury\images (2).pngWater InsolublePleasant odor | \\WFFS1\Teachers\kdrury\download (6).pngWater InsolublePleasant odor |
| \\WFFS1\Teachers\kdrury\download (11).pngWater SolubleBasicBad odorIn proteins | \\WFFS1\Teachers\kdrury\download (10).pngWater SolubleBasicBad odorIn proteins |
| \\WFFS1\Teachers\kdrury\images (3).pngWater SolubleUsed in dyes, pesticides, fuel,and cleaning agents. | Image result for amideWater SolubleUsed in dyes and creating plastics. |
| Greenhouse gasUsed in strong plastics like teflon and kevlar | Greenhouse gasUsed in strong plastics like teflon and kevlar  |