| **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).png  Water Soluble  Flammable |
| --- | --- |
| \\WFFS1\Teachers\kdrury\download (2).png  Water Soluble  Flammable | \\WFFS1\Teachers\kdrury\download (3).png  Water Soluble  Flammable |
| Water Insoluble\\WFFS1\Teachers\kdrury\download.jpg  Anesthetic | \\WFFS1\Teachers\kdrury\download (4).png  Water Insoluble  Anesthetic |
| \\WFFS1\Teachers\kdrury\images (1).png  Water Insoluble  Anesthetic | \\WFFS1\Teachers\kdrury\download (13).png  Water Soluble  Preservative  Carcinogen |
| H:\download.png  Water Soluble  Preservative  Carcinogen | \\WFFS1\Teachers\kdrury\images (5).png  Water Soluble  Preservative  Carcinogen |
| \\WFFS1\Teachers\kdrury\download (12).png  Water Soluble  Industrial solvent | H:\butanone-lewis2.png  Water Soluble  Industrial solvent |
| \\WFFS1\Teachers\kdrury\download (7).png  Water Soluble  Low pH | \\WFFS1\Teachers\kdrury\download (8).png  Water Soluble  Low pH |
| \\WFFS1\Teachers\kdrury\download (9).png  Water Soluble  Low pH | \\WFFS1\Teachers\kdrury\download (5).png  Water Insoluble  Pleasant odor |
| \\WFFS1\Teachers\kdrury\images (2).png  Water Insoluble  Pleasant odor | \\WFFS1\Teachers\kdrury\download (6).png  Water Insoluble  Pleasant odor |
| \\WFFS1\Teachers\kdrury\download (11).png  Water Soluble  Basic  Bad odor  In proteins | \\WFFS1\Teachers\kdrury\download (10).png  Water Soluble  Basic  Bad odor  In proteins |
| \\WFFS1\Teachers\kdrury\images (3).png  Water Soluble  Used in dyes, pesticides, fuel,  and cleaning agents. | Image result for amide  Water Soluble  Used in dyes and creating plastics. |
| Greenhouse gas  Used in strong plastics like teflon and kevlar | Greenhouse gas  Used in strong plastics like teflon and kevlar |