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1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
2 <html>
3 <head>
4 <title>Untitled Document</title>
5 <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
6 </head>
7
8 <body>
9
10 <table border=1>
11     <!--DWLayoutTable-->
12     <tr>
13         <td width="116" height="22"></td>
14         <td width="71"> <p align="left"><em><strong>Acid</strong></em></p></td>
15         <td width="60"><p><em><strong>Base</strong></em></p></td>
16         <td>&nbsp;</td>
17
18     </tr>
19     <tr>
20         <td height="26" >Sulfuric Acid</td>
21         <td><p align="left">H<sub>2</sub>SO<sub>4</sub></p></td>
22         <td valign="top"><p align="left">HSO<sub>4</sub><SUP>-</SUP></p></td>
23         <td>Hydrogen sulfate ion </td>
24
25     </tr>
26     <tr>
27         <td height="26">Hydrogen Chloride</td>
28         <td valign="top"><p align="left">HCl</p></td>
29         <td valign="top"><p align="left">Cl<SUP>-</SUP></p></td>
30         <td>Chloride ion</td>
31
32     </tr>
33     <tr>
34         <td height="26">Nitric Acid</td>
35         <td valign="top"><p align="left">HNO<sub>3</sub></p></td>
36         <td valign="top"> <p align="left">NO<sub>3</sub><SUP>-</SUP></p></td>
37         <td>Chloride ion
38 Nitrate ion
39 </td>
40
41     </tr>
42     <tr>
43         <td height="26" >Hydronium Ion</td>
44         <td ><p align="left">H<sub>3</sub>O<sup>+</sup></p></td>
45         <td ><p align="left">H<sub>2</sub>O</p></td>
46         <td > Water</td>
47
48     </tr>
49     <tr>
50         <td height="26" >Oxalic Acid</td>
51         <td ><p align="left">H<sub>2</sub>C<sub>2</sub>O<sub>4</sub></p></td>
52         <td ><p align="left">HC<sub>2</sub>O<sub>4</sub><sup>-</sup></p></td>
53         <td > Hydrogen oxalate ion</td>
54
55     </tr>
56     <tr>
57         <td> Hydrogen Sulfate Ion </td>
58         <td height="26"> <p align="left">HSO<SUB>4</SUB><SUP>-</SUP></p></td>
59         <td> <p align="left">SO<SUB>4</SUB><SUP>2-</SUP></p></td>
60         <td>Sulfate ion </td>
61
62     </tr>
63     <tr>
64         <td> Phosphoric Acid </td>
65         <td height="26"> <P align="left">H<SUB>3</SUB>PO<SUB>4</SUB></P></td>

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66         <td align="left">H<SUB>2</SUB>PO<SUB>4</SUB><SUP>-</SUP></P></td>
67         <td>Dihydrogen phosphate ion</td>
68     </tr>
69     <tr>
70         <td>Hydrogen Fluoride</td>
71         <td height="26"> <P align="left">HF</P></td>
72         <td> <P align="left">F<sup>-</sup></P></td>
73         <td>Fluoride ion</td>
74     </tr>
75     <tr>
76         <td>Hydrogen Oxalate Ion</td>
77         <td><p align="left">HC<sub>2</sub></sub>O<sub>4</sub><sup>-</sup></p></td>
78         <td> <P align="left">C<sub>2</sub></sub>O<sub>4</sub><sup>2-</sup></P></td>
79         <td>Oxalate ion</td>
80     </tr>
81     <tr>
82         <td>Acetic Acid</td>
83         <td height="26"> <P align="left">HC<SUB>2</SUB>H<SUB>3</SUB>O<SUB>2</SUB></P></td>
84         <td> <P align="left">C<SUB>2</SUB>H<SUB>3</SUB>O<SUB>2</SUB><sup>-</sup></P></td>
85         <td>Acetate ion</td>
86     </tr>
87     <tr>
88         <td>Carbonic acid</td>
89         <td height="26"> <P align="left">H<SUB>2</SUB>CO<SUB>3</SUB></P></td>
90         <td><P align="left">HCO<SUB>3</SUB><sup>-</sup></P></td>
91         <td>Bicarbonate ion</td>
92     </tr>
93     <tr>
94         <td>Carbon dioxide (aq)</td>
95         <td height="26"> <P align="left">CO<SUB>2</SUB> + H<sub>2</sub></sub>O</P></td>
96         <td> <P align="left">HCO<SUB>3</SUB><sup>-</sup></P></td>
97         <td>Hydrogen carbonate ion</td>
98     </tr>
99     <tr>
100        <td>Hydrogen Sulfide</td>
101        <td height="26"> <P align="left">H<SUB>2</SUB>S</P></td>
102        <td> <P align="left">HS<sup>-</sup></P></td>
103        <td>Hydrogen Sulfide ion</td>
104    </tr>
105    <tr>
106        <TD>Dihydrogen
107        Phosphate ion
108    </TD>
109        <td height="26"> <P align="left">H<SUB>2</SUB>PO<SUB>4</SUB><SUP>-</SUP></P></td>
110        <td> <P align="left">HPO<SUB>4</SUB><SUP>2-</SUP></P></td>
111        <td>Hydrogen Phosphate ion</td>
112    </tr>
113    <tr>
114        <td>Hydrogen sulfite ion</td>
115        <td height="26"> <P align="left">HSO<SUB>3</SUB><SUP>-</SUP></P></td>
116        <td> <P align="left">SO<sub>3</sub></sub><SUP>2-</SUP></P></td>
117        <td>Sulfite ion</td>
118    </tr>
119    <tr>
120        <td>Ammonium Ion</td>
121        <td height="26"> <P align="left">NH<SUB>4</SUB><SUP>+</SUP></P></td>
122        <td> <P align="left">NH<sub>3</sub></sub></P></td>
123        <td>Ammonia</td>
124    </tr>
125    <tr>
126        <td>Hydrogen Cyanide</td>
127        <td height="26"> <P align="left">HCN</P></td>
128        <td> <P align="left">CN<sup>-</sup></P></td>
129        <td>Cyanide ion</td>
130    </tr>

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131 <tr>
132 <td>Hydrogen carbonate ion</td>
133 <td height="26"> <P align="left">HCO<SUB>3</SUB><SUP>-</SUP></P></td>
134 <td> <P align="left">CO<SUB>3</SUB><SUP>2-</SUP></P></td>
135 <td>Carbonate ion</td>
136 </tr>
137 <tr>
138 <td>Hydrogen Phosphate ion</td>
139 <td height="26"> <P align="left">HPO<SUB>4</SUB><SUP>2-</SUP></P></td>
140 <td><P align="left">PO<SUB>4</SUB><SUP>3-</SUP></P></td>
141 <td>Phosphate ion</td>
142 </tr>
143 <tr>
144 <td>Hydrogen sulfide ion </td>
145 <td height="26"> <P align="left">HS<SUP>-</SUP></P></td>
146 <td><P align="left">S<SUP>2-</SUP></P></td>
147 <td>Sulfide ion</td>
148 </tr>
149 <tr>
150 <td>Water</td>
151 <td> <P align="left">H<SUB>2</SUB>O</P></td>
152 <td> <P align="left">OH<sup>-</sup></P></td>
153 <td> Hydroxide ion</td>
154
155 </tr>
156 <tr>
157 <td>Hydroxide ion</td>
158 <td height="26"> <P align="left">OH<SUP>-</SUP></P></td>
159 <td><P align="left">O<SUP>2-</SUP></P></td>
160 <td> Oxide ion</td>
161
162 </tr>
163 <tr>
164 <TD>Hydrogen </TD>
165 <td height="26"> <P align="left">H<SUB>2</SUB></P></td>
166 <td><P align="left">H<sup>-</sup></P></td>
167 <td>Hydride ion</td>
168 </tr>
169 <tr>
170 <TD>Methane </TD>
171 <td height="26" valign="top"> <P align="left">CH<SUB>4</SUB></P></td>
172 <td><P align="left">CH<sub>3</sub><sup>-</sup></P></td>
173 <td>Methyl ion</td>
174 </tr>
175 </table>
176
177 </body>
178 </html>
179

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