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**Spring I 2018**

**SCC 201 General Chemistry: List of Chemicals and substances**

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| --- | --- | --- |
|  | Chemical Name | Chemical Formula |
|   | 0.1% Methyl Orange Indicator |   |
|   | 3% Hydrogen Peroxide | H2O2 |
| 3.0M | Acetic Acid | HC2H3O2 |
|   | Acetone/Hexane (50:50) |  |
| Metal | Aluminum  | Al |
| 0.5M  | Aluminum Chloride | AlCl3 |
| Concentrated | Ammonium Hydroxide | NH4OH |
| 1M | Ammonium Hydroxide (Ammonia) | NH4OH/NH3 |
| 0.5M | Ammonium Molybdate | (NH4)2MoO4  |
| Solid | Anthracene |   |
| 1.0M | Barium Chloride | BaCl2 |
| Solid | Barium Chloride | BaCl2 |
| Solid | Benzophenone |   |
| 0.1M  | Calcium Chloride | CaCl2 |
| 0.1M  | Calcium Nitrate | Ca(NO3)2 |
|   | Cathecol Violet |   |
| Metal | Cobalt | Co |
| Metal  | Copper (Cu) |  C-426 (Cat #) |
| Solid | Copper (II) Hydroxide | Cu(OH)2 |
| 0.5M  | Copper (II) Sulfate | CuSO4 |
| 1.0M | Copper (II) Sulfate | CuSO4  |
| Solid | Copper (II) Sulfate | CuSO4 |
| Metal | Dysprosium | Dy |
|  | FD & C Blue Dye #1 |   |
| 0.1M  | Hydrochloric Acid | HCl |
| 0.3M | Hydrochloric Acid | HCl |
| 1.0M  | Hydrochloric Acid | HCl |
| 3.0M | Hydrochloric Acid | HCl |
| 6.0M  | Hydrochloric Acid | HCl |
| 0.1M  | Iron (III) Nitrate | Fe(NO3)3 |
| 0.1M  | Iron(III) Chloride | FeCl3  |
| Metal | Lead | Pb |
| Metal | Magnesium | Mg |
| Solid | Manganese (IV) Oxide | MnO2 |
| Metal | Nickel | Ni |
| 1.0M  | Nitric Acid | HNO3 |
| 6.0M  | Nitric Acid | HNO3 |
| 0.2M  | Potassium Chloride | KCl |
| Solid | Potassium Chloride | KCl |
| 1.0M | Potassium Nitrate | KNO3 |
| 0.1M  | Potassium Thiocyanate | KSCN |
| 0.5M  | Potassium Thiocyanate | KSCN  |
| Solid | Sand |   |
| Metal | Scandium  | Sc |
| Solid | Silicon Carbide (Carborundum) |   |
| 0.1M  | Silver Nitrate | AgNO3 |
| 1.0M | Sodium Carbonate | Na2CO3 |
| Solid | Sodium Carbonate | Na2CO3 |
| 0.2M  | Sodium Chloride | NaCl |
| 1.0M | Sodium Chloride | NaCl |
| Solid | Sodium Chloride | NaCl |
| 0.1M  | Sodium Hydroxide | NaOH |
| 0.3M | Sodium Hydroxide | NaOH |
| 1.0M  | Sodium Hydroxide | NaOH |
| 3.0M | Sodium Hydroxide | NaOH |
| 1.0M | Sodium Oxalate | Na2C2O4 |
| 0.1M  | Sodium Phosphate | Na3PO4  |
| 0.5M  | Sodium Sulfate | Na2SO4 |
| Metal | Strontium | Sr |
| Solid | Sucrose |   |
| Metal | Terbium  | Tb |
| Metal | Thulium | Tm |
| Metal | Tin | Sn |
| Solid | Urea  |   |
| Metal | Zinc | Zn |
| 1.0M | Zinc Sulfate | ZnSO4 |