**Solubility Rules – Formula Sheet:**

|  |  |  |
| --- | --- | --- |
| **Ion:** | **Solubility:** | **Exceptions:** |
| **Group 1A Cations:** | Soluble |  |
|  | Soluble |  |
|  | Soluble |  |
|  | Soluble |  |
|  | Soluble |  |
|  | Insoluble |  |
|  | Insoluble |  |
|  | Insoluble |  |
|  | Insoluble |  |
|  | | |

**Solubility Product Constants at**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Formula:** | **Solubility:** | **KSP:** |  | **Formula:** | **Solubility:** | **KSP:** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |