

Detailed Licensing

Overview

Title: [Chemistry of the Main Group Elements \(Barron\)](#)

Webpages: 102

All licenses found:

- [CC BY 3.0](#): 81.4% (83 pages)
- [CC BY 1.0](#): 13.7% (14 pages)
- [Undeclared](#): 4.9% (5 pages)

By Page

- [Chemistry of the Main Group Elements \(Barron\) - CC BY 3.0](#)
 - [Front Matter - CC BY 3.0](#)
 - [TitlePage - CC BY 3.0](#)
 - [InfoPage - CC BY 3.0](#)
 - [Preface - CC BY 3.0](#)
 - [Table of Contents - Undeclared](#)
 - [Licensing - Undeclared](#)
 - [1: General Concepts and Trends - CC BY 3.0](#)
 - [1.1: Fundamental Properties - Oxidation State - CC BY 3.0](#)
 - [1.2: Fundamental Properties - Ionization Energy - CC BY 3.0](#)
 - [1.3: Fundamental Properties - Electron Affinity - CC BY 3.0](#)
 - [1.4: Fundamental Properties - Electronegativity - CC BY 3.0](#)
 - [1.5: Structure and Bonding - Valence Shell Electron Pair Repulsion \(VSEPR\) Theory - CC BY 3.0](#)
 - [1.6: Structure and Bonding - Crystal Structure - CC BY 3.0](#)
 - [1.7: Structure and Bonding - Stereochemistry - CC BY 3.0](#)
 - [1.8: Acids, Bases, and Solvents - Choosing a Solvent - CC BY 3.0](#)
 - [1.9: Chemical Reactivity - The Basics of Combustion - CC BY 3.0](#)
 - [1.10: Periodic Trends for the Main Group Elements - CC BY 3.0](#)
 - [2: Hydrogen - CC BY 3.0](#)
 - [2.1: Discovery of Hydrogen - CC BY 3.0](#)
 - [2.2: The Physical Properties of Hydrogen - CC BY 3.0](#)
 - [2.3: Synthesis of Molecular Hydrogen - CC BY 3.0](#)
 - [2.4: Atomic Hydrogen - CC BY 3.0](#)
 - [2.5: The Proton - CC BY 3.0](#)
 - [2.6: Hydrides - CC BY 3.0](#)
 - [2.7: The Hydrogen Bond - CC BY 3.0](#)
 - [2.8: Isotopes of Hydrogen - CC BY 3.0](#)
 - [2.9: Nuclear Fusion - CC BY 3.0](#)
 - [2.10: Storage of Hydrogen for Use as a Fuel - CC BY 3.0](#)
 - [3: Group 1 - The Alkali Metals - CC BY 3.0](#)
 - [3.1: The Alkali Metal Elements - CC BY 3.0](#)
 - [3.2: Compounds of the Alkali Metals - CC BY 3.0](#)
 - [3.3: The Anomalous Chemistry of Lithium - CC BY 3.0](#)
 - [3.4: Organolithium Compounds - CC BY 3.0](#)
 - [4: Group 2 - The Alkaline Earth Metals - CC BY 3.0](#)
 - [4.1: The Alkaline Earth Elements - CC BY 3.0](#)
 - [4.2: Calcium the Archetypal Alkaline Earth Metal - CC BY 3.0](#)
 - [4.3: Differences for Beryllium and Magnesium - CC BY 3.0](#)
 - [4.4: Organometallic Compounds of Magnesium - CC BY 3.0](#)
 - [5: Group 12 - CC BY 3.0](#)
 - [5.1: The Group 12 Elements - CC BY 3.0](#)
 - [5.2: Cadmium Chalcogenide Nanoparticles - CC BY 3.0](#)
 - [5.3: Organometallic Chemistry of Zinc - CC BY 3.0](#)
 - [5.4: Organomercury Compounds - CC BY 3.0](#)
 - [5.5: The Myth, Reality, and History of Mercury Toxicity - CC BY 3.0](#)
 - [6: Group 13 - CC BY 3.0](#)
 - [6.1: The Group 13 Elements - CC BY 3.0](#)
 - [6.2: Trends for the Group 13 Compounds - CC BY 3.0](#)
 - [6.3: Borides - CC BY 3.0](#)
 - [6.4: Boron Hydrides - CC BY 3.0](#)
 - [6.5: Wade's Rules - CC BY 3.0](#)
 - [6.6: Trends for the Oxides of the Group 13 Elements - CC BY 3.0](#)
 - [6.7: Boron Oxides, Hydroxides, and Oxyanions - CC BY 1.0](#)

- 6.8: Aluminum Oxides, Hydroxides, and Hydrated Oxides - *CC BY 1.0*
- 6.9: Ceramic Processing of Alumina - *CC BY 1.0*
- 6.10: Boron Compounds with Nitrogen Donors - *CC BY 1.0*
- 6.11: Properties of Gallium Arsenide - *CC BY 1.0*
- 6.12: Electronic Grade Gallium Arsenide - *CC BY 1.0*
- 6.13: Chalcogenides of Aluminum, Gallium, and Indium - *CC BY 1.0*
- 6.14: Group 13 Halides - *CC BY 1.0*
- 7: Group 14 - *CC BY 3.0*
 - 7.1: The Group 14 Elements - *CC BY 3.0*
 - 7.2: Carbon Black- From Copying to Communication - *CC BY 3.0*
 - 7.3: Carbon Nanomaterials - *CC BY 3.0*
 - 7.4: Nitrogen Compounds of Carbon - *CC BY 3.0*
 - 7.5: Carbon Monoxide - *CC BY 3.0*
 - 7.6: Carbon Dioxide - *CC BY 3.0*
 - 7.7: Suboxides of Carbon - *CC BY 1.0*
 - 7.8: Carbon Halides - *CC BY 1.0*
 - 7.9: Comparison Between Silicon and Carbon - *CC BY 1.0*
 - 7.10: Semiconductor Grade Silicon - *CC BY 1.0*
 - 7.11: Oxidation of Silicon - *CC BY 1.0*
 - 7.12: Applications for Silica Thin Films - *CC BY 1.0*
- 8: Group 15 - The Pnictogens - *CC BY 3.0*
 - 8.1: The Group 15 Elements- The Pnictogens - *CC BY 3.0*
 - 8.2: Reaction Chemistry of Nitrogen - *CC BY 3.0*
 - 8.3: Hydrides - *CC BY 3.0*
 - 8.4: Oxides and Oxoacids - *CC BY 3.0*
 - 8.5: Halides of Phosphorous - *CC BY 3.0*
- 9: Group 16 - *CC BY 3.0*
 - 9.1: The Group 16 Elements- The Chalcogens - *CC BY 3.0*
 - 9.2: Ozone - *CC BY 3.0*
 - 9.3: Water - The Fuel for the Medieval Industrial Revolution - *CC BY 3.0*
 - 9.4: Hydrogen Peroxide - *CC BY 3.0*
 - 9.5: Hydrogen Peroxide Providing a Lift for 007 - *CC BY 3.0*
 - 9.6: Comparison of Sulfur to Oxygen - *CC BY 3.0*
 - 9.7: Chalcogenide Hydrides - *CC BY 3.0*
 - 9.8: Oxides and Oxyacids of Sulfur - *CC BY 3.0*
 - 9.9: Sulfur Halides - *CC BY 3.0*
- 10: The Halogens - *CC BY 3.0*
 - 10.1: The Group 17 Elements- The Halogens - *CC BY 3.0*
 - 10.2: Compounds of Fluorine - *CC BY 3.0*
 - 10.3: Compounds of Chlorine - *CC BY 3.0*
 - 10.4: Oxyacids of Chlorine - *CC BY 3.0*
 - 10.5: Bromine Trifluoride as a Solvent - *CC BY 3.0*
- 11: Group 18 - The Noble Gases - *CC BY 3.0*
 - 11.1: The Group 18 Elements- The Noble Gases - *CC BY 3.0*
- Back Matter - *CC BY 3.0*
 - Index - *CC BY 3.0*
 - Index - *Undeclared*
 - Glossary - *Undeclared*
 - Detailed Licensing - *Undeclared*