

What Is A Chemical at University of Wyoming?



A chemical is any pure substance/material or mixture of substances/materials, which occur naturally and/or made artificially. This includes any liquid, solid, or gas. These substance(s) or material(s) may also meet the following Globally Harmonized System classifications, but not limited to these in case of a non-hazardous pure or mixture of substance(s) or material(s):

Physical Hazards:

- Explosives
- Flammable Gases
- Flammable Aerosols
- Oxidizing Gases
- Gases Under Pressure
- Flammable Liquids
- Flammable Solids
- Self-Reactive Substances
- Pyrophoric Liquids
- Pyrophoric Solids
- Self-Heating Substances
- Substances which, in contact with water, emit flammable gases
- Oxidizing Liquids
- Oxidizing Solids
- Organic Peroxides
- Corrosive to Metals

Health Hazards:

- Acute Toxicity
- Skin Corrosion/Irritation
- Serious Eye Damage/Eye Irritation
- Respiratory or Skin Sensitization
- Germ Cell Mutagenicity
- Carcinogenicity
- Reproductive Toxicology
- Target Organ Systemic Toxicity – Single Exposure
- Target Organ Systemic Toxicity – Repeated Exposure
- Aspiration Toxicity

Environmental Hazards:

- Hazardous to the Aquatic Environment
 1. Acute aquatic toxicity
 2. Chronic aquatic toxicity
 - a. Bioaccumulation potential
 - b. Rapid degradability