# A Small Dose of Toxicology

**The Health Effects of Common Chemicals**

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## Introductory Material

| Toxicology and You | Principles
|-------------------|-----------------------|
| Toxicology and You | Dose-Response
|                   | Risk = Hazard \times Exposure
|                   | Individual Sensitivity

## Toxic Agents

- Alcohol
- Caffeine
- Nicotine
- Pesticides
- Lead
- Mercury
- Arsenic
- Metals
- Solvents & Vapors
- Radiation
- Animal & Plant Toxins

## Targets of Toxic Agents

- The Nervous System
- Cancer & Genetic Tox
- Pregnancy & Development

## Applied Toxicology

- Persistent Environmental Contaminants
- Toxics In The Home
- Risk Assessment & Risk Management
- Multiple Chemical Sensitivity

## News Topics

- Child Health
- Asthma
- Teaching Resources
- PBDEs
- POFA

## Regulatory & References

- Precautionary Principle
- REACH
- EPA – Environmental Protection Agency
- FDA – Food & Drug Administration
- OSHA – Occupational Safety & Health Administration
- ATSDR – Agency for Toxic Substances and Disease Registry
- Milestones of Toxicology