

## Acronym Glossary

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| AAALAC   | Association for Assessment and Accreditation of Laboratory Animal Care International |
| ACGIH    | American Conference of Governmental Industrial Hygienists                            |
| ACS      | American Chemical Society  |
| AIChE    | American Institute of Chemical Engineers   |
| AIHA     | American Industrial Hygiene Association  |
| ALARA    | As Low As Reasonably Achievable  |
| ANSI     | American National Standards Institute  |
| ASHRAE   | American Society of Heating, Refrigerating, and Air Conditioning Engineers           |
| ASTM     | American Society for Testing and Materials   |
| AT SDR   | Agency for Toxic Substances and Disease Registry                                     |
| BEI      | Biological Exposure Index  |
| CAA      | Clean Air Act  |
| CAS      | Chemical Abstracts Service   |
| CDC      | Centers for Disease Control and Prevention   |
| CERCLA   | Comprehensive Environmental Response, Compensation, and Liability Act                |
| CFR      | Code of Federal Regulations  |
| CGA      | Compressed Gas Association   |
| CHEMTREC | Chemical Transportation Emergency Center   |
| CHO      | Chemical Hygiene Officer   |
| CHP      | Chemical Hygiene Plan  |
| CIH      | Certified Industrial Hygienist   |
| CPSC     | Consumer Product Safety Commission   |
| CSB U.S. | Chemical Safety and Hazard Investigation Board (a.k.a. Chemical Safety Board)        |
| CSHEMA   | Campus Safety, Health, and Environmental Management Association                      |

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| CSP      | Certified Safety Professional                          |
| CWA      | Clean Water Act  |
| DEQ      | Department of Environmental Quality                    |
| DOE      | Department of Energy                                   |
| DOL      | Department of Labor                                    |
| DOT      | Department of Transportation                           |
| EHS      | Environment, Health, and Safety                        |
| EHSA     | Environmental Health and Safety Assistant              |
| EPA      | Environmental Protection Agency                        |
| EPCRA    | Emergency Planning and Community Right-to-Know Act     |
| FAA      | Federal Aviation Administration                        |
| FDA      | Food and Drug Administration                           |
| FIFRA    | Federal Insecticide, Fungicide, and Rodenticide Act    |
| GHS      | Global Harmonization System                            |
| Hazmat   | Hazardous Materials                                    |
| HAZWOPER | Hazardous Waste Operations and Emergency Response      |
| HEPA     | High-Efficiency Particulate Air (filter)               |
| HMIS     | Hazardous Materials Identification System              |
| IARC     | International Agency for Research on Cancer            |
| IDLH     | Immediately Dangerous to Life and Health               |
| ISO      | International Organization for Standardization         |
| LD       | Lab Director   |
| LRSC     | Laboratory Research Safety Committee                   |
| MiOSHA   | Michigan Occupational Safety and Health Administration |
| MSHA     | Mine Safety and Health Administration                  |
| NEC      | National Electrical Code                               |
| NFPA     | National Fire Protection Association                   |
| NIEHS    | National Institute of Environmental Health Sciences    |
| NIH      | National Institutes of Health                          |

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| NIOSH | National Institute for Occupational Safety and Health        |
| NOAEL | No-Observed-Adverse-Effect Level                             |
| NOEL  | No-Observed-Effect Level                                     |
| NRC   | Nuclear Regulatory Commission                                |
| NRCC  | National Registry of Certified Chemists                      |
| NSF   | National Science Foundation                                  |
| NTP   | National Toxicology Program                                  |
| OEL   | Occupational Exposure Limit                                  |
| OHS   | Occupational Health Services                                 |
| OSHA  | Occupational Safety and Health Administration or Act         |
| OTA   | Office of Technology Assessment                              |
| PEL   | Permissible Exposure Limit                                   |
| PI    | Principal Investigator                                       |
| PPE   | Personal Protective Equipment                                |
| RCR   | Responsible and Ethical Conduct of Research                  |
| RCRA  | Resource Conservation and Recovery Act                       |
| REL   | Recommended Exposure Limit (NIOSH)                           |
| SARA  | Superfund Amendments and Reauthorization Act                 |
| SCBA  | Self-Contained Breathing Apparatus                           |
| SDS   | Safety Data Sheet (Formerly MSDS-Material Safety Data Sheet) |
| SOP   | Standard Operating Procedure                                 |
| STEL  | Short-Term Exposure Limit                                    |
| TLV   | Threshold Limit Value  |
| TSCA  | Toxic Substances Control Act                                 |
| TWA   | Time-Weighted Average  |
| VOC   | Volatile Organic Compound                                    |
| WHO   | World Health Organization                                    |