

# OSHA/GHS

## HAZARD COMMUNICATION STANDARD

### QUICK ReferenceChart

### HAZARD PICTOGRAMS

 <p><b>EXPLODING BOMB</b></p> <ul style="list-style-type: none"> <li>Explosives</li> <li>Self-Reactives</li> <li>Organic Peroxides</li> </ul>	 <p><b>FLAME OVER CIRCLE</b></p> <ul style="list-style-type: none"> <li>Oxidizers</li> </ul>	 <p><b>FLAME</b></p> <ul style="list-style-type: none"> <li>Flammables</li> <li>Pyrophorics</li> <li>Self-Heating</li> </ul> <ul style="list-style-type: none"> <li>Debris Flammable Gas</li> <li>Self-Reactives</li> <li>Organic Peroxides</li> </ul>
 <p><b>CORROSION</b></p> <ul style="list-style-type: none"> <li>Skin Corrosion/Burns</li> <li>Eye Damage</li> <li>Corrosive to Metals</li> </ul>	 <p><b>SKULL AND CROSSBONES</b></p> <ul style="list-style-type: none"> <li>Acute Toxicity (Fatal or Toxic)</li> </ul>	 <p><b>HEALTH HAZARDS</b></p> <ul style="list-style-type: none"> <li>Carcinogen</li> <li>Mutagenicity</li> <li>Reproductive Toxicity</li> </ul> <ul style="list-style-type: none"> <li>Respiratory Sensitizer</li> <li>Target Organ Toxicity</li> <li>Aspiration Toxicity</li> </ul>
 <p><b>ENVIRONMENT</b></p> <ul style="list-style-type: none"> <li>Aquatic Toxicity</li> </ul>	 <p><b>GAS CYLINDER</b></p> <ul style="list-style-type: none"> <li>Gases Under Pressure</li> </ul>	 <p><b>EXCLAMATION MARK</b></p> <ul style="list-style-type: none"> <li>Irritant (Skin and Eye)</li> <li>Skin Sensitizer</li> <li>Acute Toxicity (Harmful)</li> <li>Narcotic Effects</li> </ul> <ul style="list-style-type: none"> <li>Respiratory Tract Irritant</li> <li>Hazardous to Ozone Layer (Non-Mandatory)</li> </ul>


### PRECAUTIONARY STATEMENTS

<p><b>PREVENTION:</b> Statements meant to prevent harm.</p> <p>EXAMPLE: Do not get in eyes, on skin, or on clothing.</p>	<p><b>RESPONSE:</b> Statements giving instructions in case of exposure to a chemical hazard.</p> <p>EXAMPLE: Rinse skin with water (30 min).</p>
<p><b>STORAGE:</b> Statements explaining safe storage.</p> <p>EXAMPLE: Store in a well-ventilated place.</p>	<p><b>DISPOSAL:</b> Statements explaining proper disposal practices.</p> <p>EXAMPLE: Dispose of contents/container to _____.</p>

### MINIMUM REQUIREMENTS FOR A SAFETY DATA SHEET

<p><b>01. IDENTIFICATION:</b> This section identifies the chemical on the SDS as well as the recommended uses, it also provides the essential contact information of the supplier.</p> <p><b>02. HAZARDOUS IDENTIFICATION:</b> This section identifies the hazards of the chemical presented on the SDS and the appropriate warning information associated with these hazards.</p> <p><b>03. COMPOSITION/INFORMATION ON INGREDIENTS:</b> This section identifies the ingredients contained in the product indicated on the SDS, including impurities and stabilizing additives. This section includes information on isotopes, mixtures, and all chemicals added or trace detected in impurities.</p> <p><b>04. FIRST-AID MEASURES:</b> This section describes the initial care that should be given for uncertain responses to an individual who has been exposed to the chemical.</p> <p><b>05. FIREFIGHTING MEASURES:</b> This section provides recommendations for fighting a fire caused by the chemical.</p> <p><b>06. ACCIDENTAL RELEASE MEASURES:</b> This section provides recommendations on the appropriate response to spills, leaks, or releases, including containment and cleanup practices to prevent or minimize exposure to people, properties or the environment. It may also include information on cleanup procedures for spills and leaks in confined spaces where the spill volume has a significant impact on the hazard.</p> <p><b>07. HANDLING AND STORAGE:</b> This section provides guidance on the safe handling practices and conditions for safe storage of the chemical.</p> <p><b>08. EXPOSURE CONTROLS/PERSONAL PROTECTION:</b> This section indicates the exposure limits, engineering controls, and personal protective measures that can be used to minimize worker exposure.</p> <p><b>09. PHYSICAL AND CHEMICAL PROPERTIES:</b> This section identifies physical and chemical properties associated with the substance or mixture.</p>	<p><b>10. STABILITY AND REACTIVITY:</b> This section describes the reactivity hazards of the chemical and the chemical stability information. This section is broken into three parts: reactivity, chemical stability, and other.</p> <p><b>11. TOXICOLOGICAL INFORMATION:</b> This section identifies toxicological and health effects information pertaining to the chemical and such data are not available.</p> <p><b>12. ECOLOGICAL INFORMATION (NON-MANDATORY):</b> This section provides information to evaluate the environmental impact of the chemical if it were released into the environment.</p> <p><b>13. DISPOSAL CONSIDERATIONS (NON-MANDATORY):</b> This section provides guidance on proper disposal practices, including, but not limited to, the chemical's use or containers, and safe handling practices. To reduce exposure, this section should also refer the reader to Section 05 (Exposure Controls/Personal Protection) of the SDS.</p> <p><b>14. TRANSPORT INFORMATION (NON-MANDATORY):</b> This section provides guidance on disposal of use information for shipping and transporting of hazardous chemicals by road, air, rail, or sea.</p> <p><b>15. REGULATORY INFORMATION (NON-MANDATORY):</b> This section identifies the safety, health, and environmental regulations specific to the product that are not indicated anywhere else on the SDS.</p> <p><b>16. OTHER INFORMATION:</b> This section indicates when the SDS was prepared or when the last known revision was made. The SDS may also state when the changes have been made to the previous version. You may wish to contact the supplier for an explanation of the changes. Other useful information that may be included here, which labels have a six-month update requirement for information regarding hazards, the new SDS has a three-month requirement. GHS pictograms may be used in the SDS, the symbol name may be substituted if use of the pictogram is not feasible. All use, the manufacturer or importer must ensure the SDS is provided in Spanish and must provide copies in other languages, as necessary.</p>
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### MINIMUM REQUIREMENTS FOR A CHEMICAL LABEL



**PENTANE**  
GAS 109-65-0

**DANGER**

Extremely flammable gas. Contains gas under pressure. May explode if heated. Gas may require oxygen in confined spaces.

Keep away from heat, open flames, hot surfaces. No smoking. Protect from sunlight. Store in a well-ventilated place. Leaking gas fire: Do not extinguish unless the leak can be stopped safely. Consider all operations from a safe distance. Eye contact: For compressed gas, flush eyes with lukewarm water. Seek immediate attention. Skin contact: Unpressurized gases may cause cryogenic burns. Test burned or frostbitten skin by flushing or covering the affected area(s). Inhale steam: Do not rub the affected area. Inhalation of respiratory irritants may irritate, move the victim away from the source of exposure and into fresh air. Seek medical attention.

Company XYZ | 10000 N. Linden Ave., Bakers, CA 9000000000000000000

- GHS Pictograms**  
Standardized set of symbols which convey health, physical, and environmental hazard information.
- Product Identifier**  
Name or number used for a hazardous product on a label or in the SDS.
- Signal Words**  
"Danger" or "Warning" are used to emphasize hazards and indicate the relative level of severity of the hazard assigned to a GHS hazard class and category.
- Hazard Statements**  
Standard phrases assigned to a hazard class and category that describe the nature of the hazard.
- Precautionary Statements**  
Measures to minimize or prevent adverse effects.
- Supplier Identification**  
Company name, address, and phone number should be listed on the label.

# Osha Quick Reference Guide

**Jiyuan Zhang**



## **Osha Quick Reference Guide:**

**HVAC/R Terminology: A Quick Reference Guide** Richard Wirz, 2009-04-01 This one of a kind HVAC R technical reference guide incorporates all the HVAC R technical terms used in the industry today and is an indispensable resource for professionals dealing with electricity controls refrigeration cycle heating psychometrics boilers heat pumps heat transfer load calculations and more Covers the entire industry providing the most comprehensive collection of HVAC R terms available in one concise location For those just starting in and seasoned veterans of the HVAC R industry The 71 pages of appendices include common industry association abbreviations business computer and medical terminology area of circles color codes for resistors CFM tables decibel ratings hazardous time exposure of common noises duct sizing conversion charts and much much more

**Burt and Eklund's Dentistry, Dental Practice, and the Community - E-Book** Amer Assoc of Public Health Dentistry, 2020-03-22 Learn about the challenges current trends and the positive role that you can play in improving the dental health of the community Completely revised and updated by members of the American Association of Public Health Dentistry Burt and Eklund's Dentistry Dental Practice and the Community 7th Edition presents dentistry and dental practice against the ever changing backdrop of economic technological and demographic trends as well as the distribution of the oral diseases that dental professionals treat and prevent Readers will learn the latest techniques of research and measurement and how oral disease may be limited through control and prevention This updated text also addresses the new educational competencies for predoctoral post doctoral dental students and dental hygiene students with updated and new content on cultural competency oral health literacy social responsibility motivational interviewing and oral systemic associations All in all this text takes a comprehensive look at the social context of dental care and the difference you can make in improving the health of the community you serve Logical four part organization divides content into dentistry and the community dental care delivery methods and measurement of oral diseases and conditions and health promotion and prevention of oral diseases A focus on need to know content emphasizes the important core information while providing comprehensive coverage of dental public health Comprehensive analysis of dentistry's social and professional role examines issues such as epidemiology of oral diseases prevention and the provision of care Evidence based recommendations reflect the latest literature on today's public health issues Illustrations tables and graphics illustrate the key material and visually enhance discussions NEW Completely revised and updated content looks at populations oral health and dental care as well as how it fits into a changing world NEW Coverage of new educational competencies provides predoctoral post doctoral dental students and dental hygiene students with updated and new content on cultural competency oral health literacy social responsibility motivational interviewing and oral systemic associations NEW New chapters cover the applications of epidemiology and biostatistics in dental public health oral health as it related to quality of life oral health education health literacy social determinants of health and health disparities and delivery of oral healthcare in Canada NEW Newly revised

competencies for the Dental Public Health specialty are incorporated throughout the book Darby & Walsh Dental Hygiene - E-Book Jennifer A Pieren, Cynthia Gadbury-Amyot, 2024-01-19 2025 Textbook and Academic Authors Association TAA Textbook Excellence Texty Award Winner Selected for Doody's Core Titles 2024 with Essential Purchase designation in Dental Hygiene online procedure videos are included with new text purchase Human Needs Conceptual Model Oral Health Related Quality of Life frameworks in which all discussions are presented within the context of a person centered care model take the entire person into consideration Learning aids in each chapter include professional development opportunities learning competencies patient education tips critical thinking scenarios and discussions of legal ethical and safety issues which help your practical application and problem solving skills and bring the profession to life NEW Increased focus on new and emerging technologies keeps you up to date with the latest advances in the field NEW Telehealth chapter explains how to practice telehealth and teledentistry in nontraditional and community based settings NEW Mental Health and Self Care chapter provides timely content on safeguarding mental health and wellness for the practitioner and the patient UPDATED Enhanced coverage of infection control prepares you to practice as a dental hygienist in the time of COVID 19 and potential future pandemic events UPDATED Coverage of Caries Management by Risk Assessment CAMBRA for integrating into the dental hygiene process of care EXPANDED Further integration of the current American Academy of Periodontology periodontal classifications throughout the text Integration of theory throughout the book includes content on how to incorporate the use of theory in practice The Software Encyclopedia 2000 Bowker Editorial Staff, 2000-05 **Darby and Walsh Dental Hygiene E-Book** Jennifer A Pieren, Denise M. Bowen, 2019-03-04 Back and better than ever Darby and Walsh's Dental Hygiene Theory and Practice 5th Edition offers everything you need to succeed in your coursework at certification and in clinical practice No other dental hygiene text incorporates the clinical skills theory and evidence based practice in such an approachable way All discussions from foundational concepts to diagnosis to pain management are presented within the context of a unique patient centered model that takes the entire person into consideration New to this fifth edition is a much more streamlined approach one that stays focused on need to know information yet also houses expanded content on things like alternative practice settings pediatric care risk assessment and dental hygiene diagnosis to give you added context when needed This edition is also filled with new modern illustrations and new clinical photos to augment your learning If you want a better grasp of all the dental hygienist's roles and responsibilities in today's practice they Darby and Walsh's renowned text is a must have Focus on research and evidence base practice provide proven findings and practical applications for topics of interest in modern dental hygiene care Step by step procedure boxes with accompanying illustrations clinical photos and rationales outline the equipment required and the steps involved in performing key procedures Critical thinking exercises cases and scenarios help hone your application and problem solving skills Feature boxes highlight patient education law ethics and safety UNIQUE Discussions of theory provide a solid foundation for practice

Key terms are called out within chapters and defined in glossary with cross references to chapters Practice quizzes enable you to self assess your understanding NEW Streamlined approach focuses on the information you need to know along with the practical applications NEW Added content covers alternative practice settings new infection control guidelines pediatric care risk assessment dental hygiene diagnosis the electronic health record EHR and more NEW Modern illustrations and updated clinical photos give you a better picture of how to perform essential skills and utilize clinical technology NEW Online procedures videos guide you step by step through core clinical skills NEW Editorial team brings a fresh perspective and more than 30 years of experience in dental hygiene education practice and research *Occupational Hazards* ,1998-07

**Instruments & Control Systems** ,1975 **Job Safety & Health Quarterly** ,1995 **Safety & Health** ,1991 New Technical Books New York Public Library,1975 *Professional Safety* ,2006 **Supportive Documentation/training Workbook Associated with Demolition Management Workshops** ,2003 **OSHA Construction Safety Essentials Quick-Card** ,2014-06-30 OSHA CONSTRUCTION SAFETY ESSENTIALSBased on Construction Industrial Regulation 29 CFR 1926 OSHAby Builder s Book Inc NEW This extended 6 page guide covers the OSHA Construction Safety Great for contractors builders architects and engineers anyone who needs a quick overview of the basics involved in this key in Construction PERSONAL PROTECTIVE EQUIPMENT PPE CONSTRUCTION SITE FALL PROTECTION OPENINGS SCAFFOLDING SAFETY CONSTRUCTION SITE SAFETY LADDERS STAIRWAYS EXCAVATION TRENCHING SAFETY ELECTRICAL SAFETY TABLES ELECTRICAL SAFETY SAFETYHAZARD COMMUNICATION *Employment Safety and Health Guide* ,2004 Includes original text of the Occupational safety and health act of 1970 Occupational Health Nursing ,1977 *LJ, Library Journal* ,1975 **The Northern Logger and Timber Processor** ,1977 *Harris Indiana Industrial Directory* ,2004 NTIS Alert ,2002 ENR. ,2001

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