

# OSHA / GHS HAZCOM

# QUICK REFERENCE CHART

## Minimum Requirements for a Safety Data Sheet

**Section 1, Identification** includes product identifier; manufacturer or distributor name, address, phone number; emergency phone number; recommended use; restrictions on use.

**Section 2, Hazard(s) identification** includes all hazards regarding the chemical; required label elements.

**Section 3, Composition/information on ingredients** includes information on chemical ingredients; trade secret claims.

**Section 4, First-aid measures** includes important symptoms/effects, acute, delayed; required treatment.

**Section 5, Fire-fighting measures** lists suitable extinguishing techniques, equipment; chemical hazards from fire.

**Section 6, Accidental release measures** lists emergency procedures; protective equipment; proper methods of containment and cleanup.

**Section 7, Handling and storage** lists precautions for safe handling and storage, including incompatibilities.

**Section 8, Exposure controls/personal protection** lists OSHA's Permissible Exposure Limits (PELs); Threshold Limit Values (TLVs); appropriate engineering controls; personal protective equipment (PPE).

**Section 9, Physical and chemical properties** lists the chemical's characteristics.

**Section 10, Stability and reactivity** lists chemical stability and possibility of hazardous reactions.

**Section 11, Toxicological information** includes routes of exposure; related symptoms; acute and chronic effects; numerical measures of toxicity.

**Section 12, Ecological information** (Non-mandatory) includes ecotoxicity (aquatic and terrestrial, where available); persistence and degradability; mobility in soil and other ecological information.

**Section 13, Disposal considerations** (Non-mandatory) description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

**Section 14, Transport information** (Non-mandatory) includes UN number; transport hazard class(es); environmental hazards (e.g., Marine pollutant (Yes/No)) and other transport information.

**Section 15, Regulatory information** (Non-mandatory) safety, health and environmental regulations specific for the product in question.

**Section 16, Other information**, includes the date of preparation or last revision.

Employers must ensure that SDSs are readily accessible to employees. See Appendix D of 29 CFR 1910.1200 for a detailed description of SDS contents.

## Precautionary Statements

There are four types of Precautionary Statements used on labels:

**Prevention** – Statements meant to keep you from harm.  
Example: "Wear protective gloves."

**Response** – Statements providing steps to take if you have been exposed to a chemical hazard.  
Example: "Immediately call a poison center or doctor/physician."

**Storage** – Explains the safe way to store the chemical.  
Example: "Keep container tightly closed."

**Disposal** – The last statement explains to the employer/employee how to dispose of the chemical safely.  
Example: "Dispose of contents/container in accordance with local regulations."

## Hazard Pictograms



**Flammable Liquid**  
• Liquids



**Flame**  
• Flammable Gases  
• Oxidizing Gases  
• Pyrophoric Liquids  
• Self-Heating  
• Organic Peroxides



**Explosive Solids**  
• Explosives  
• Self-Reactives  
• Organic Peroxides



**Health Hazard**  
• Acute Toxicity  
• Skin Corrosion  
• Irritation (Skin or Eye)



**Corrosive**  
• Skin Corrosion/Irritation  
• Eye Damage  
• Corrosive to Metals



**Gas Cylinder**  
• Gases Under Pressure



**Corrosive**  
• Skin Corrosion/Irritation  
• Eye Damage  
• Corrosive to Metals



**Exclamation Mark**  
• Irritant (Skin and Eye)  
• Skin Irritation  
• Acute Toxicity  
• Respiratory Irritation  
• Hazardous to Ozone (Significant)



**Environmental Hazard**  
• Aquatic Toxicity  
• Hazardous to Ozone (Significant)

## Minimum Requirements for a Chemical Label

- Product Identifier** – This is the unique name or number used to identify a hazardous chemical. The same (Product) Identifier must be used for the label, SDS and required company chemical list for each chemical.
- Signal Word** – A word used to alert employees of a potential hazard and its relative level of severity. The two signal words used are: **Danger** – Used for more severe hazards. **Warning** – Used for less severe hazards.
- Supplier Identification** – The name, address, and telephone number of the supplier.
- Hazard Statements** – Information describing the nature of the chemical hazard and the degree of the hazard. (Example: "Fatal if swallowed.")
- Precautionary Statements** – A phrase describing recommended measures to be taken to minimize or prevent adverse effects resulting from exposure to the hazardous chemical or improper storage or handling. See additional information to the left.
- Hazard Pictograms** – A symbol which is intended to convey specific information about the hazards of a chemical. See additional information above.
- Supplemental Information** – Manufacturers, importers or distributors may choose to add supplementary information to the label when it provides further details, and does not contradict or cast doubt on the validity of the standardized hazard information.

### 1 Product Identifier

### 2 Signal Word

### 3 Supplier Identification

### 4 Hazard Statements



### 5 Precautionary Statements

### 7 Supplemental Information

# Osha Quick Reference Guide

**Judd E. Hollander**



## **Osha Quick Reference Guide:**

*OSHA Construction Safety Essentials Quick-Card*, 2014-06-30 OSHA CONSTRUCTION SAFETY ESSENTIALS Based on Construction Industrial Regulation 29 CFR 1926 OSHA by 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 *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 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

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