

PROVIDING THE TOOLS NEEDED FOR YOUR
COMPANY TO IMPLEMENT AND COMPLY WITH
THE PROPOSED OSHA GHS RULE CHANGE

MAINTAIN A LEADERSHIP ROLE IN GHS
COMPLIANCE WITH MAXCOM/GHS

haas
group
international

OSHA PROPOSED RULE CHANGE

“ OSHA is proposing to modify its existing Hazard Communication Standard (HCS) to conform with the United Nations' (UN) Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

The proposed modifications to the standard include revised criteria for classification of chemical hazards; revised labeling provisions that include requirements for use of standardized signal words, pictograms, hazard statements, and precautionary statements; a specified format for safety data sheets; and related revisions to definitions of terms used in the standard, requirements for employee training on labels and safety data sheets.

http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=FEDERAL_REGISTER&p_id=21110
 [Federal Register: September 30, 2009 (Volume 74, Number 188)]

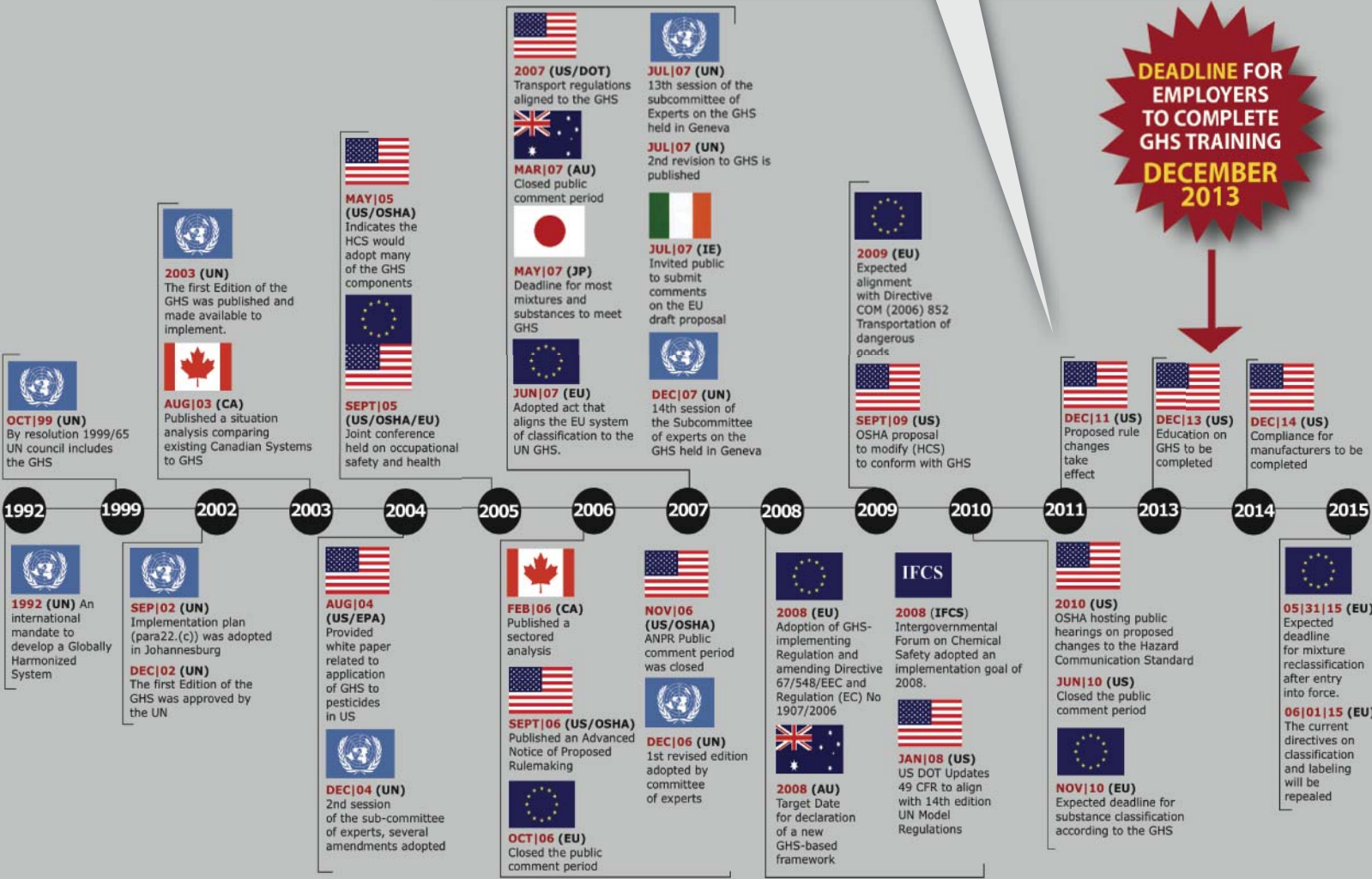


OSHA GHS TIMELINE

BE PREPARED!

OSHA proposed rule changes take effect in December 2011!

DEADLINE FOR EMPLOYERS TO COMPLETE GHS TRAINING DECEMBER 2013



HAZARD CLASSIFICATION

“ OSHA is proposing to adopt all of the physical and health hazard classes in the GHS. ”

Skin Corrosive CATEGORY 1A TO 1C



toxic
flammable
water-reactive



NUMBER
149

PRIMARY HAZARD
H314 causes severe skin burns and eye damage

SECONDARY HAZARD
H301 Toxic if swallowed
H331 Toxic if inhaled
H311 Toxic in contact with skin

ADDITIONAL HAZARDS
H226 Flammable Liquid and vapor
H228 Flammable solid
H261 In contact with water releases flammable gas



GENERAL SAFETY

DON'T

- P260 Do not breathe dust|fume|gas|mist
- P262 Do not get in eyes, on skin, or on clothing
- P270 Do not eat, drink, or smoke when handling this material

DO

- P271 Use only outdoors or in a well-ventilated area
- P264 Wash thoroughly after handling.
- P280 Wear protective gloves|protective clothing|eye protection|face protection
- P261 Avoid breathing dust|fume|gas|mist
- P210 Keep away from heat|spark|open flame
- P233 Keep container tightly closed.
- P241 Use explosion-proof electrical|ventilating|lighting|equipment
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static electricity.
- P231+P232 Handle under inert gas. Protect from moisture.

SAFE USE GUIDES

Exclusive to MAXCOM|GHS, the Safe Use Guides provide comprehensive safety information



FIRE RESPONSE

DON'T

- Do not scatter the material
- Do not allow water to enter containers

DO

- Use dry chemical, carbon dioxide, water spray or alcohol resistant foam.
- Unmanned hose holders or monitor nozzles from maximum distance (if can be done safely).
- Dike fire control water for proper disposal.
- Cool containers with flooding amounts of water.
- Withdraw if there is rising sound from safety devices.

MAXCOM/GHS utilizes the specific criteria established by the GHS to classify workplace chemicals. The system also incorporates Safe-Use-Guides for each class of chemical an employee may be exposed to that include formatted information simplified to meet the needs of all levels of employees!

HAZARD CLASSIFICATION

“ OSHA also believes that standardized presentation of information...and the use of standardized pictograms would compliment and reinforce the information provided through signal words and hazard statements. Pictograms are also anticipated to improve communication for those who are not functionally literate, or who are not literate in the language used. ”

GHS

- Hazard Statements
- Precautionary Statements
- Additional Hazards
- Routes of Exposure
- Target Organ Effects

DANGER **GHS** **Extremely Flammable Gas**

Signal Word
Hazard Class
Pictogram

HAZARD STATEMENTS
May combust if heated.. May be slightly toxic.. May be weak oxidizers.

PRECAUTIONARY STATEMENTS
Keep unauthorized personnel away.. May produce toxic decomposition products.. Stay upwind. Isolate spill/ release area for at least 25 meters (75 ft) for solids and 50 meters (150 ft) for liquids.. Move containers from the fire area (if can be done safely).

ADDITIONAL HAZARDS
Irritant, Slightly Toxic, Toxic Decomposition Products, Water Sensitive

ROUTES OF ENTRY
Eyes, Ingestion, Inhalation, Skin Contact

TARGET ORGANS
Cutaneous Hazard, Eyes, Lungs Respiratory System

Additional Documents
Synonyms
Location Assignments



- ChemTech, CA
- ChemTech, TX
- Acme Inc.

Group Assignments
Spill Notes
Emergency Notes
Purchasing Notes
Storage Notes
Disposal Notes
Supplier Identification
Permatex, Inc. 10 Columbus Blvd. Hartford 06106 (877) 376-2839
Shipping Name

MAXCOM/GHS is available in over 60 languages and it is now fully compliant with all components of GHS proposed by the OSHA rule change!

LABELS

“ In addition to the pictograms, signal word and hazard statements, GHS labels must include precautionary statements. OSHA is proposing to require the text in the precautionary statements in the GHS to be on HCS labels. ”

3M Heavy Duty Aircraft Cleaner Concentrate (Product		SUG: 1
	<p>DANGER</p> <p>Highly flammable liquid and vapour</p> <p>IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Remove contact lenses, if present</p>	
<p>Additional Hazards: Irritant, Light Sensitive, Liquid, Sensitizer, Slightly Toxic, Toxic Brain CNS PNS, Cutaneous Hazard, Eyes, Kidneys, Liver, Lungs Respiratory System, Other, Reproductive</p> <p>Eyes, Ingestion, Inhalation, Skin Contact</p>		
<p>PPE: Eye/Face-Avoid eye contact. NOTE: When used as directed and diluted and dispensed with a TWIST 'n FILL(TM) Chemical Dispenser, eye contact with the concentrate is not expected to occur. If the product is not used with the Twist 'n Fill system or if there is an accidental release, the following eye protection is recommended: Indirect Vented Goggles. Resp-Avoid breathing of vapors, mists or spray. NOTE: When</p>		
<p>3M 3M Center St. Paul 55144-1000 (612) 733-1110</p>		

MAXCOM/GHS secondary container labels include all core components of GHS proposed by the OSHA rule change including:

- ▶ Signal Word
- ▶ GHS Hazard Class
- ▶ Hazard Statements
- ▶ Precautionary Statements
- ▶ Pictograms

In addition MAXCOM/GHS labels can be customized to include additional hazards, target organ effects, routes of exposure, PPE, NFPA 704 diamond, etc.!

















EMPLOYEE INFORMATION AND TRAINING

“ Each employee who may be "exposed" to hazardous chemicals when working must be provided information and trained prior to initial assignment to work with a hazardous chemical, and whenever the hazard changes.

Where there are large numbers of chemicals, or the chemicals change frequently, you will probably want to train generally based on the hazard categories (e.g., flammable liquids, corrosive materials, carcinogens).

In accordance with the training requirements established by OSHA, MAXCOM/GHS offers training modules for each category [of chemical] that an employee may be exposed to in their immediate work area.

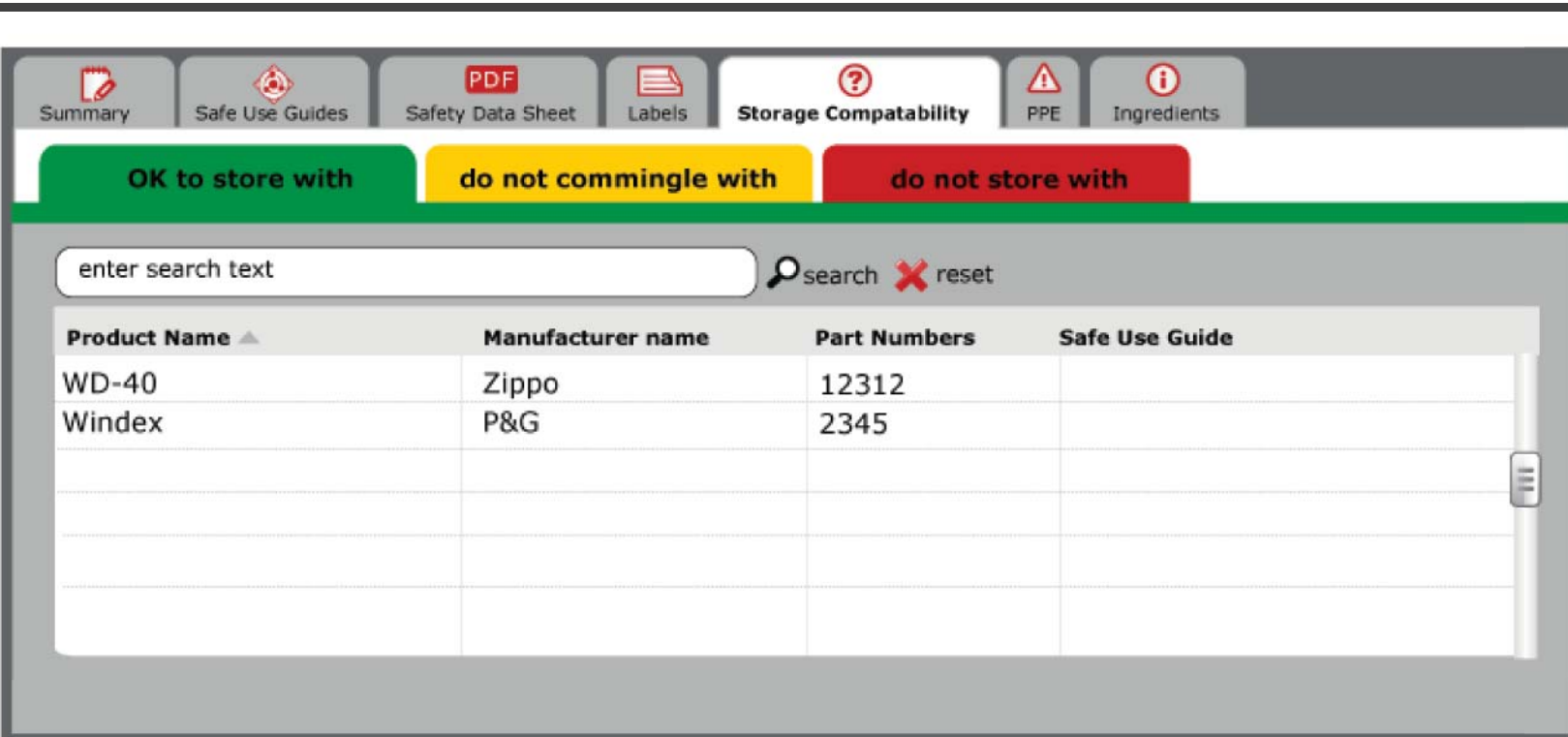
Interactive and web-enabled MAXCOM/GHS training modules provide employees with valuable information about the potential hazards, safety precautions and the emergency responses for fires, spills and first aid for the chemicals specific to their job responsibility or work area**.

 Hazards By Location At ALL		
Location ALL		
Hazard Category	Hazard Category Description	Training Module
 	Flammable or Combustible Liquids	
	Highly Flammable Gases	
	Non-Reactive Asphyxiant Gases (Compressed, Liquefied or Cryogenic)	
	General Use Chemicals/Articles	
	Poisonous, Corrosive & Oxidizing Gases (Compressed, Liquefied or Cryogenic)	
	Poisonous and/or Corrosive Substances (Combustible)	
	Poisonous and / or Corrosive Substances (Non-Combustible)	

**Additional MAXCOM/GHS training modules provide valuable information about how to read and interpret SDS, and how to understand GHS pictograms, warning statements, precautionary statements and hazard statements. Test results are tracked and recorded online or with company specific Learning Management Systems, (LMS).

CHEMICAL COMPATIBILITY STORAGE TOOL

MAXCOM/GHS provides an immediate identification of what chemicals can and cannot be safely stored together in a specific work area or cabinet.



The screenshot shows the user interface of the MAXCOM/GHS Chemical Compatibility Storage Tool. At the top, there is a navigation bar with icons for Summary, Safe Use Guides, Safety Data Sheet (PDF), Labels, Storage Compatibility (highlighted), PPE, and Ingredients. Below the navigation bar are three status buttons: "OK to store with" (green), "do not commingle with" (yellow), and "do not store with" (red). A search bar contains the text "enter search text" and has "search" and "reset" buttons. Below the search bar is a table with the following data:

Product Name ▲	Manufacturer name	Part Numbers	Safe Use Guide
WD-40	Zippo	12312	
Windex	P&G	2345	

FOR MORE INFORMATION

For more information call MAXCOM at 1-888-707-8819 or visit <http://www.maxcomonline.com/> to request a live demo of MAXCOM GHS.