

Putnam County Schools

Global Harmonization System (GHS) – November 2013

"Globally Harmonized System of Classification and Labeling of Chemicals" ("GHS") has been added and has modified the Hazard Communication Guidelines. The following are the changes to the program.

Product Identifier: The product name or an identifying number that cross-references to the corresponding Safety Data Sheet (SDS), as to the list of hazardous chemicals that we maintain as part of our formal Haz-Com program

Signal Words: Indicates the level of severity of a hazard. Two signal words will be "Danger" and "Warning";
"Danger" is the signal word for more severe hazards, **"Warning"** for the less severe ones;

Note: Words such as "caution" or "beware" will no longer be allowed or used

Hazard Statements: Relatively short statement assigned to a specific hazard class and category that describes the nature of the hazard(s) of a chemical, including, where appropriate, the degree of hazard.

Example: "Highly flammable liquid and vapor", or "May cause liver damage."

Precautionary Statements: Phrases that list recommended measures that should be taken to minimize or prevent adverse effects resulting from exposure to a hazardous chemical or improper storage or handling.

Example: Precautionary statement would be "Keep away from heat, flames, sparks. No Smoking."

Material Safety Data Sheets (MSDS's): Replaced by "Safety Data Sheets" (SDS's);

Note: SDS's are divided into 16 sections covering information about the product's chemical hazards. This will be a standard format for all SDS's and used by chemical manufacturers.

Container Labels: Must display mandatory information, product identifier and must be exactly the same as appearing on the Safety Data Sheet (SDS);

Container labels must also have the standardized **signal words, hazard statements and precautionary statements** to insure you are aware of the dangers and safeguards to follow when using the product;

Container labels must also display **one or more of eight specific "pictograms"**, icons to quickly identify the specific hazard / hazards with the product being used.






Name, Address, and Telephone Number of the chemical manufacturer, importer, or other responsible party.




Manufacturers and importers of hazardous products have until June 1, 2015 to make the full transition to the new labeling requirements.

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Pictograms: Icons will appear in a small red box the new guidelines have eight pictograms and one or more could appear on a label; each helps quickly identify the specific type of hazard of the product.



	Skin Corrosion Burns Eye Damage Corrosive to Metals
	Exploding Bomb Explosives Self-Reactives Organic Peroxides
	Flame Over Circle Oxidizer
	Skull & Crossbones Acute Toxicity Fatal or Toxic
	GAS CYLINDER Gases Under Pressure

	Exclamation Mark Irritant (skin and eye) Respiratory Tract Irritant Skin Sensitizer Acute Toxicity Narcotic Effects Self-Reactives Organic Peroxides
	Health Hazard Carcinogen Mutagenicity Reproductive Toxicity Respiratory Sensitizer Target Organ Toxicity Aspiration Toxicity
	Flammables Pyrophorics Self-Heating Emits Flammable Gas Self-Reactives Organic Peroxides

SAMPLE LABEL

CODE _____ Product Name _____	}	Product Identifier
Company Name _____ Street Address _____ City _____ State _____ Postal Code _____ Country _____ Emergency Phone Number _____	}	Supplier Identification

Hazard Pictograms

Signal Word
Danger

Hazard Statements

Highly flammable liquid and vapor.
May cause liver and kidney damage.

Precautionary Statements

Keep container tightly closed. Store in a cool, well-ventilated place that is locked.
 Keep away from heat/sparks/open flame. No smoking.
 Only use non-sparking tools.
 Use explosion-proof electrical equipment.
 Take precautionary measures against static discharge.
 Ground and bond container and receiving equipment.
 Do not breathe vapors.
 Wear protective gloves.
 Do not eat, drink or smoke when using this product.
 Wash hands thoroughly after handling.
 Dispose of in accordance with local, regional, national, international regulations as specified.

First Aid
 If exposed call Poison Center.
 If on skin (or hair): Take off immediately any contaminated clothing. Rinse skin with water.

Supplemental Information

Directions for Use _____

Fill weight: _____ Lot Number: _____
 Gross weight: _____ Fill Date: _____
 Expiration Date: _____