GHS FACT SHEET

Q. What is GHS?

A. GHS stands for Globally Harmonized System. The GHS is an international regulation that the United Nations (UN) has created for the Classification and Labeling of Hazardous Chemicals.

Q. Who will be affected by the new GHS?

A. The GHS will affect chemical suppliers, manufacturers, end users, and testing laboratories. Any workplace that is currently subject to the Hazard Communication regulations will be affected, and will need to change labels, maintain the correct labeling procedures and update printers.

Q. Why is GHS being implemented?

A. The GHS is intended to create a single, universal format for hazard communication across the globe. Without the GHS, countries around the world are left to determine their own standards for what chemicals are hazardous – and how to properly communicate those hazards. Each country handles this differently, which creates confusion and complexity for international manufacturers.

Q. When was GHS implemented in the U.S.?

A. OSHA published an updated Hazard Communication standard in March, 2012. The deadline for training employees on GHS safety was December 2013- Employees must already be trained. The future deadline includes:

> › Jun. 1, 2015- U.S. - Everyone must be GHS compliant. Internal training must be completed. All labels created must be GHS compliant.

Q. Where is GHS currently being implemented?

A. Many countries already have regulatory systems in place for these types of requirements. The European Union has already implemented many parts of the GHS regulation. Countries and regions around the world are beginning to implement it, each with their own individual timeline. Although it is an international standard, there is not one specific international implementation schedule.

Q. What are the biggest changes that I need to know about?

A. There are 3 key changes that will be made during the implementation of the GHS:

› Standardized Safety Data Sheets (SDS). The GHS Safety Data Sheets will have a standard 16-section format with specific information required for each section.

› Classification of chemicals. The GHS will establish new criteria for classifying hazardous chemicals that is broader than the existing standards.

› Standardized label format. All chemical labels will have a standardized format with the certain headings and phrases to describe the various hazards.

GHS FAQ SHEET

Q. What are the new GHS labeling elements?

A. The new standardized elements required for GHS labels are:

› Hazard Pictograms: There are 9 pictograms in total that symbolize health, physical and environmental hazard information. The pictograms are black and white images outlined in a red diamond.

› Signal Words: Either "Danger" or "Warning" is used to convey the level of severity of the hazardous chemical.

› Hazard Statements: Assigned phrases in relation to hazard classes and hazard categories that detail the chemical's hazards.

› Precautionary Statements: Detailed measures assigned to hazard statements given to minimize or prevent the adverse effects from physical, health, or environmental hazards.

Q. What are the benefits of GHS?

A. The GHS will make easier for employers, employees and the public to understand the hazards of chemicals, and take the necessary preventive and protective measures for their safety and health. It also offers a number of benefits for our government, companies and general public.

According to OSHA, here are the key benefits of GHS implementation:

› Enhance the protection of human health and the environment by providing an internationally comprehensible system,

› Provide a recognized framework to develop regulations for those countries without existing systems,

› Facilitate international trade in chemicals whose hazards have been identified on an international basis,

› Reduce the need for testing and evaluation against multiple classification systems.

For more info, visit: http://www.osha.gov/dsg/hazcom/ghs.html.

Q. How does GHS affect the labeling requirements for shipping containers or secondary storage containers?

A. The GHS requires proper labeling when shipping or storing chemicals. The labels should be on the individual chemicals, as well as on the outside of the larger boxes or drums that are used to ship or store the chemicals. To be GHS Certified, the labels must pass BS 5609 Compliance standard. BS 5609, a British Maritime Standard, is a specification for printed pressuresensitive, adhesive coated labels, and is one of the most common benchmark certifications of durability.

Q. What solutions does Peak-Ryzex offer?

A. Peak-Ryzex can ensure you are using the right label at the right time and offers a total customized solution for your unique GHS requirements. Our expertise will guide you in determining the best solution based on factors including size of label, print volume, host printing system, number of SKU's, existing equipment, and software. Peak-Ryzex provides a wide range of printer solutions to match your legacy printers (Thermal Transfer, Laser, and Ink Jet), a complete line of media to match your GHS requirements, and continued support to keep your printing system up and running when you need it most.

CAB Thermal Transfer Printer

Lexmark C792e Laser Printer

Epson Ink Jet Printer

Rely on Peak-Ryzex for Total Printing Solution Expertise

Peak-Ryzex knows all about the component parts that make a Printing Solution Complete. It all starts with your unique printing needs. Peak-Ryzex has strong partner relationships with all components of the Print Solution to maximize your printing efficiencies. Peak-Ryzex also has one of the largest Nationwide service organizations to keep your Printing Solutions working as required.

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