GHS LABELING GUIDE
United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

GHS LABEL ELEMENTS

GHS STANDARDIZED LABEL ELEMENTS

OTHER GHS LABEL ELEMENTS

Symbols (hazard pictograms): Convey health, physical and environmental hazard information, assigned to a GHS hazard class and category.

Supplemental information: non-harmonized information.

Product Identifier (ingredient disclosure): Name or number used for a hazardous product on a label or in the SDS.

Hazard Statements: Standard phrases assigned to a hazard class and category that describe the nature of the hazard.

Precautionary Statements and Pictograms: Measures to minimize or prevent adverse effects.

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.

The prescribed symbols, signal words, and hazard statements can be readily selected from Annex 1 of the GHS Purple Book. These standardized elements are not subject to variation, and should appear on the GHS label as indicated in the GHS for each hazard category or class in the system. The use of symbols, signal words or hazard statements other than those that have been assigned to each of the GHS hazards would be contrary to harmonization.

GHS Pictograms and Hazard Classes

Transport Pictograms

* For the class on explosives, ** is to be replaced by the indication of the compatibility group or to be left blank if explosive is the subsidiary risk.

** symbol, number and border line may be either black or white.
GHS LABEL EXAMPLE - Combination packaging for a Category 3 flammable liquid
(Additional examples of arrangements of the GHS labels may be found in Annex 7 of the GHS)

3-METHYL DIFLAMMALINE
UNXXXX

Outer Packaging: Box with a flammable liquid transport label. Only the UN transport marking & labels are required for outer packagings.

3-METHYL DIFLAMMALINE
CAS Number XX-XX-X
Category 3 Flammable Liquid

DANGER
Harmful by inhalation and in contact with skin. Irritating to skin.

Keep container tightly closed and in a well-ventilated place. Keep away from sources of ignition - No smoking. Avoid contact with eyes. Wear suitable protective clothing and gloves

FIRST AID
Immediately remove any clothing soiled by the product. Call emergency medical care. Wash affected area of body thoroughly with soap and fresh water.

ACME Chemicals - 123 Main St. Acmetown, PA 12345 - (555) 555-5555

Inner Packaging: Plastic bottle with GHS hazard warning label.

Resources: “Globally Harmonized System of Classification and Labeling of Chemicals (GHS) - Fourth Revised Edition” and OSHA.gov

CUSTOM LABELS - PROFESSIONAL RESULTS

The LabelTac 4 PRO Industrial Thermal Printer is the easiest way to print all of your GHS, Pipe Marking, 5S, Lean, and other labels in-house!

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