

# UN/SCEGHS/4/INF.23





Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals  
(Fourth session, 9-11 December 2002, agenda item 2)





## Amendments to the GHS

Proposed by the informal working group

### 1.4.10.3 *Reproduction of the symbol*

The following hazard symbols are the standard symbols which should be used in the GHS. With the exception of the new symbol which will be used for certain health hazards, the exclamation mark and the fish and tree, they are part of the standard symbol set used in the UN Recommendations on the Transport of Dangerous Goods, Model Regulations.

Flame	Flame over circle	Exploding bomb	Corrosion
			

Gas cylinder	Skull and crossbones	Exclamation Mark	Environment
			

New Health Hazard Symbol

#### 1.4.10.4 *Pictograms and reproduction of the hazard pictograms*

1.4.10.4.1 A pictogram means a graphical composition that includes a symbol plus other graphic elements, such as a border, background pattern or colour that is intended to convey specific information.

##### 1.4.10.4.2 *Shape and colour*

1.4.10.4.2.1 All hazard pictograms used in the GHS should be in the shape of a square set at a point.

**[original paragraph 1.4.10.4.2.2 is deleted and replaced with the following:]**

1.4.10.4.2.2 For transport, the pictograms (*commonly referred to as labels in transport regulations*) prescribed by the UN Model Regulations on the Transport of Dangerous Goods should be used. The UN Model Regulations prescribe transport pictogram specifications including colour, symbols, size, background contrast, additional safety information (e.g. hazard class) and general format. Transport pictograms are required to have minimum dimensions of 100 mm by 100 mm, with some exceptions for allowing smaller pictograms for very small packagings and for gas cylinders. Transport pictograms include the symbol in the upper half of the label. The UN Model Regulations require that transport pictograms be printed or affixed to a packaging on a background of contrasting colour. An example showing a typical label for a flammable liquid hazard according to the UN Model Regulations is provided below:



**Pictogram for flammable liquid in the UN Model Regulations (Symbol: Flame: Black or White; Background: red; Figure 3 in bottom corner; minimum dimensions 100 mm x 100 mm.)**

1.4.10.4.2.3 Pictograms prescribed by the GHS but not the UN Recommendations on the Transport of Dangerous Goods, Model Regulations, should have a black symbol on a white background with a red frame sufficiently wide to be clearly visible. However, when such a pictogram appears on a label for a package which will not be exported, the Competent Authority may choose to give suppliers and employers discretion to use a black border. In addition, Competent Authorities may allow the use of UN Recommendations on the Transport of Dangerous Goods, Model Regulations pictograms in other use settings where the package is not covered by the Model Regulations. An example of a GHS pictogram used for a skin irritant is provided below.



**Pictogram for skin irritant**

**1.4.10.5 Allocation of label elements**

**1.4.10.5.1 Information required for packages covered by the UN Model Regulations on the Transport of Dangerous Good**

Where a UN Model Regulations on the Transport of Dangerous Goods pictogram appears on a label, a GHS pictogram for the same hazard should not appear. The GHS pictograms not required for the Transport of Dangerous Goods should not be displayed on freight containers, road vehicles or railway wagons/tanks.

**1.4.10.5.2 Information required on a GHS label**

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