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Extracted from <https://codes.iccsafe.org/content/IFC2024P1/appendix-e-hazard-categories>

## GHS Hazard Pictograms and Names

 Exploding Bomb	 Flame	 Flame Over Circle
 Gas Cylinder	 Corrosion	 Skull and Crossbones
 Exclamation Mark	 Health Hazard	 Environment

<https://unece.org/transport/dangerous-goods/ghs-rev10-2023>



## Explosion Bomb

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
Danger	Unstable Explosive ( <i>Obsolete</i> )	H200	Explosives	Unstable explosives
Danger	Explosive; mass explosion hazard ( <i>Obsolete</i> )	H201	Explosives	Div. 1.1
Danger	Explosive; severe projection hazard ( <i>Obsolete</i> )	H202	Explosives	Div. 1.2
Danger	Explosive; fire, blast, or projection hazard ( <i>Obsolete</i> )	H203	Explosives	Div. 1.3
Warning	Fire or projection hazard	H204	Explosives	Div. 1.4
	Explosives		Explosives	Div. 1.4 G
Danger	May mass explode in fire ( <i>Obsolete</i> )	H205	Explosives	Div. 1.5
	( <i>Obsolete</i> )		Explosives	Div. 1.6
Danger	Heating may cause an explosion	H240, Organic Peroxide, Type A	Organic peroxide	UD
Danger	Heating may cause an explosion	H240, Type A	Unstable (reactive)	4



## Explosion Bomb & Flame

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
Danger	Heating may cause a fire or explosion	H241, Organic Peroxide, Type B	Organic peroxide	I
Danger	Heating may cause a fire or explosion	H241, Type B	Unstable (reactive)	3



Flame

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
Danger	Extremely flammable liquid and vapor	H224, Category 1	Flammable liquid	IA
Danger	Highly Flammable liquid and vapor	H225, Category 2	Flammable liquid	IB
Warning	Flammable liquid and vapor	H226, Category 3	Flammable liquid	IC
Danger or Warning	Flammable solid	H228, Category 1 or H228, Category 2	Flammable solid	Flammable solid
Danger	Heating may cause a fire	H242, Organic Peroxide, Type C or H242, Organic Peroxide, Type D	Organic peroxide	II
Warning	Heating may cause a fire	H242, Organic Peroxide, Type E	Organic peroxide	III
Warning	Heating may cause a fire	H242, Organic Peroxide, Type F;	Organic peroxide	IV
Danger	Catches fire spontaneously if exposed to air	H250, Category 1	Pyrophoric	Solid
Danger	Catches fire spontaneously if exposed to air	H250, Category 1	Pyrophoric	Liquid
Danger	Heating may cause a fire	H242, Type C or H242, Type D	Unstable (reactive)	2
Warning	Heating may cause a fire	H242, Type E or H242, Type F	Unstable (reactive)	1
Warning	Flammable aerosol	H223, Category 3	Aerosol	Level 1
Warning	Flammable aerosol	H223, Category 2	Aerosol	Level 2
Danger	Extremely flammable aerosol	H222, Category 1	Aerosol	Level 3
Danger	In contact with water releases flammable gases which may ignite spontaneously	H260, Category 1	Water reactive	3
Danger	In contact with water releases flammable gas	H261, Category 2	Water reactive	2
Warning	Materials that react with water with some release of energy, but not violently.	H261, Category 3	Water reactive	1



### Flame & Gas Cylinder

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
Danger	Extremely flammable gas Contains refrigerated gas; may cause cryogenic burns or injury	H220, Category 1A and H281	Cryogenic - Flammable	
Danger	Extremely flammable gas and Contains gas under pressure; may explode if heated	H220, Category 1A and H280, compressed gas or H280, liquefied gas	Pyrophoric	gas
Danger	Extremely flammable gas	H220, Category 1A, Category A or H220, Category 1A, Category B and H280, compressed gas	Unstable (reactive)	gas



### Flame Over Circle & Gas Cylinder

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
Danger	May cause or intensify fire; oxidizer Contains refrigerated gas; may cause cryogenic burns or injury	H270, Category 1 H281	Cryogenic - Oxidizing	
Danger	May cause or intensify fire; oxidizer	H270, Category 1 and H280, compressed gas	Oxidizing gas	Gaseous
Danger	May cause or intensify fire; oxidizer	H270, Category 1 and H280, liquefied gas	Oxidizing gas	Liquefied



### Flame Over Circle

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
Danger	May cause fire or explosion; strong Oxidizer	H271, Category 1	Oxidizer	4
Danger	May cause fire or explosion; strong Oxidizer	H271, Category 1	Oxidizer	3
Danger	May intensify fire; oxidizer	H272, Category 2	Oxidizer	2
Warning	May intensify fire; oxidizer	H272, Category 3	Oxidizer	1



### Gas Cylinder

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
Warning	Contains gas under pressure; may explode if heated	H280, compressed gas or H280, liquefied gas or H280, dissolved gas	Compressed gas	
Warning	Contains refrigerated gas; may cause cryogenic burns or injury	H281 + no other hazards	Cryogenic - Inert	
Warning	Contains gas under pressure; may explode if heated	H280, compressed gas + no other hazards	Inert gas	



### Corrosion

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
Danger	Causes severe skin burns and eye damage	H314, Category 1 (1A, 1B, 1C)	Corrosive	



### Skull and Crossbones

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
<b>Danger</b>	Fatal if swallowed Fatal in contact with skin Fatal if inhaled	<b>H300, Category 1</b> or <b>H300, Category 2</b> or <b>H310, Category 1</b> or <b>H310, Category 2</b> or <b>H330, Category 1</b>	<b>Highly Toxic</b>	any physical state



### Skull and Crossbones & Exclamation Mark

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
<b>Danger</b>	Toxic if swallowed or Harmful if swallowed or Toxic in contact with skin or Fatal if inhaled or Toxic if inhaled	<b>H301, Category 3</b> or <b>H302, Category 4</b> or <b>H311, Category 3</b> or <b>H330, Category 2</b> or <b>H331, Category 3</b>	<b>Toxic</b>	any physical state

### No Pictograms

Signal Words	Hazard Statement	Code	Fire Code Material	Fire Code Hazard Class
<b>none</b>	Heating may cause a fire	<b>H242. Organic Peroxide, Type G</b>	<b>Organic Peroxide</b>	V