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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
Danger	Fatal if swallowed Fatal in contact with skin Fatal if inhaled	H300, Category 1 or H300, Category 2 or H310, Category 1 or H310, Category 2 or H330, Category 1	Highly Toxic	any physical state



Skull and Crossbones & Exclamation Mark

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

No Pictograms

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