




FLAME








This is the symbol that will appear on chemicals that are flammable. Depending on the properties of the chemical(s) and the pesticide product, the flame can mean:

- Extremely flammable gas
- Extremely flammable aerosol
- Flammable aerosol
- Extremely flammable liquid and vapor
- Highly flammable liquid and vapor
- Flammable liquid and vapor
- Flammable solid

This chart summarizes the hazard criteria for the category(s) in each class for the flame pictogram to appear on a pesticide product label. It also lists the corresponding hazard statement and signal word that will accompany the pictogram. This information is for illustrative purposes only; please consult the [official GHS text](#) for complete information.

Hazard Class/ Category	Criteria	Hazard Communication Elements	
Flammable gases Category 1	Gases and gas mixtures, which at 20 °C and a standard pressure of 101.3 kPa: (a) are ignitable when in a mixture of 13% or less by volume in air; or (b) have a flammable range with air of at least 12 percentage points regardless of the lower flammable limit.	Symbol	
		Signal Word	Danger
		Hazard Statement	Extremely flammable gas
Flammable aerosols Category 1	On the basis of its components, of its chemical heat of combustion and, if applicable, of the results of the foam test, for foam aerosols, and of the ignition distance test and enclosed space test, for spray aerosols (see decision logic in 2.3.4.1 of Chapter 2.3).	Symbol	
		Signal Word	Danger
		Hazard Statement	Extremely flammable aerosol
Flammable aerosols Category 2	On the basis of its components, of its chemical heat of combustion and, if applicable, of the results of the foam test, for foam aerosols, and of the ignition distance test and enclosed space test, for spray aerosols (see decision logic in 2.3.4.1 of Chapter 2.3).	Symbol	
		Signal Word	Warning
		Hazard Statement	Flammable aerosol

Flammable liquids Category 1	Flash point < 23 °C and initial boiling point ≤ 35 °C.	Symbol	
		Signal Word	Danger
		Hazard Statement	Extremely flammable liquid and vapour
Flammable liquids Category 2	Flash point < 23 °C and initial boiling point >35 °C.	Symbol	
		Signal Word	Danger
		Hazard Statement	Highly flammable liquid and vapour
Flammable liquids Category 3	Flash point ≥ 23 °C and ≤ 60 °C.	Symbol	
		Signal Word	Warning
		Hazard Statement	Flammable liquid and vapour
Flammable	Burning rate test: Substances and mixtures other than metal	Symbol	

solids Category 1	powders: - wetted zone does not stop fire and - burning time < 45 seconds or burning rate > 2.2 mm/s Metal powders: - burning time ≤ 5 minutes.	Signal Word	Danger
		Hazard Statement	Flammable solid
Flammable solids Category 2	Burning rate test: Substances and mixtures other than metal powders: - wetted zone stops the fire for at least 4 minutes and - burning time < 45 seconds or burning rate > 2.2 mm/second Metal powders: - burning time > 5 minutes and ≤ 10 minutes.	Symbol	
		Signal Word	Warning
		Hazard Statement	Flammable solid