MIXTURES are required to be classified from June 2015 according to the CLP/GHS regulation. Mixtures in aerosol dispensers are also included in this regulation. The classification procedure is described as follows:

**All aerosols**

Does it contain ≤ 1 % flammable components and does it have a heat of combustion < 20 kJ/g?  
**YES**  
Category 1  
No pictogram  
Warning

**NO**

Does it contain ≥ 85 % flammable components and does it have a heat of combustion ≥ 30 kJ/g?  
**YES**  
Category 1  
Danger

**NO**

**Decision logic for spray aerosols**

In the ignition distance test, does ignition occur at a distance ≥ 75 cm?  
**YES**  
Category 1  
Danger

**NO**

Does it have a heat of combustion < 20 kJ/g?  
**YES**  
Category 2  
Warning

**NO**

In the ignition distance test, does ignition occur at a distance ≥ 15 cm?  
**YES**  
Category 2  
Warning

**NO**

In the enclosed space ignition test; is  
(a) the time equivalent ≤ 300 s/m³, or  
(b) the deflagration density ≤ 300 g/m³?  
**YES**  
Category 2  
Warning

**NO**

Category 3  
No pictogram  
Warning

**Swiss Process Safety GmbH** offers the classification tests for all European countries.

If you have further questions or just want to discuss, do not hesitate to get in touch with us, please.

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With best regards,  
Swiss Process Safety GmbH

Please note, aerosols with a flash point well above room temperature can combust explosively. Even water-based paints with water contents up to 50% can be ignited as a spray.