

European HAZARD IDENTIFICATION NUMBER PLACARD

The following identification system is in use for placards in Europe (ADR) for road transport.

The background of the placard is orange. The border, horizontal line, and figures are black.

Identification numbers are shown in such a way, that the upper number is indicating the danger and the lower number identifies the substances with the UN-number given in the UN Recommendations on the Transport of Dangerous Goods.

33
1088

HAZARD IDENTIFICATION NUMBER

The hazard identification number consists of two or three figures indicating the following hazards:

2	Emission of gas due to pressure or chemical reaction
3	Flammability of liquids (vapours) and gases or self-heating liquid
4	Flammability of solids or self-heating solid
5	Oxidizing (fire-intensifying) effect
6	Toxicity
7	Radioactivity
8	Corrosivity
9	Risk of spontaneous violent reaction

Doubling of a figure indicates an intensification of that particular hazard.

Where the hazard associated with a substance can be adequately indicated by a single figure, this is followed by a zero.

If a hazard identification number is prefixed by letter 'X', this indicates that the substance will react dangerously with water.

The hazard identification number combinations have following meanings:

20	inert gas
22	refrigerated gas
223	refrigerated flammable gas
225	refrigerated oxidizing (fire-intensifying) gas
23	flammable gas
236	flammable gas, toxic

239	flammable gas, which can spontaneously lead to violent reaction
25	oxidizing (fire-intensifying) gas
26	toxic gas
265	toxic gas, oxidizing (fire-intensifying)
266	highly toxic gas

268	toxic gas, corrosive
286	corrosive gas, toxic
30	flammable liquid or self-heating liquid
323	flammable liquid which reacts with water emitting flammable gases
X323	flammable liquid which reacts dangerously with water emitting flammable gases
33	highly flammable liquid (flash point below 23°C)
333	pyrophoric liquid
X333	pyrophoric liquid which reacts dangerously with water
336	highly flammable liquid, toxic
338	highly flammable liquid, corrosive
X338	highly flammable liquid, corrosive, which reacts dangerously with water
339	highly flammable liquid, which can spontaneously lead to violent reaction
36	flammable liquid (flash-point between 23°C and 61°C, inclusive), slightly toxic, or self-heating liquid, toxic
362	flammable liquid, toxic, which reacts with water emitting flammable gases
X362	flammable liquid, toxic, which reacts dangerously with water emitting flammable gases
38	flammable liquid (flash-point between 23°C and 61°C, inclusive), corrosive
382	flammable liquid, corrosive, which reacts with water emitting flammable gases
X382	flammable liquid, corrosive, which reacts dangerously with water emitting flammable gases
39	flammable liquid, which can spontaneously lead to violent reaction
40	flammable self-heating solid
423	solid, which reacts with water emitting flammable gases
X423	flammable solid, which reacts dangerously with water emitting flammable gases
44	flammable solid, in molten state, at elevated temperature
446	flammable solid, toxic, in molten state, at elevated temperature
46	flammable or self-heating solid, toxic
462	toxic solid, which reacts with water emitting flammable gases
48	flammable or self-heating solid, corrosive
482	corrosive solid, which reacts with water emitting flammable gases
50	oxidizing (fire-intensifying) substance
539	flammable organic peroxide
55	strongly oxidizing substance
556	strongly oxidizing substance, toxic
558	strongly oxidizing substance, corrosive
559	strongly oxidizing substance, which can spontaneously lead to violent reaction
56	oxidizing substance, toxic
568	oxidizing substance, toxic, corrosive
58	oxidizing substance, corrosive
59	oxidizing substance which can spontaneously lead to violent reaction
60	toxic or harmful substance
63	toxic or harmful substance, flammable (flash point between 23°C and 61°C)
638	toxic or harmful substance, flammable (flash point between 23°C and 61°C), corrosive
639	toxic or harmful substance, flammable (flash point between 23°C and 61°C), which can spontaneously lead to violent reaction
66	highly toxic substance
663	highly toxic substance (flash point not above 61°C)

68	toxic or harmful substance, corrosive
69	toxic or harmful substance, which can spontaneously lead to violent reaction
70	radioactive material
72	radioactive gas
723	radioactive gas, flammable
73	radioactive liquid, flammable (flash point not above 61°C)
74	radioactive solid, flammable
75	radioactive material, oxidizing
76	radioactive material, toxic
78	radioactive material, corrosive
80	corrosive or slightly corrosive substance
X80	corrosive or slightly corrosive substance, which reacts dangerously with water
83	corrosive or slightly corrosive substance, flammable (flash point between 23°C and 61°C)
X83	corrosive or slightly corrosive substance, flammable (flash point between 23°C and 61°C), which reacts dangerously with water
839	corrosive or slightly corrosive substance, flammable (flash point between 23°C and 61°C), which can spontaneously lead to violent reaction
X839	corrosive or slightly corrosive substance, flammable (flash point between 23°C and 61°C), which can spontaneously lead to violent reaction and which reacts dangerously with water
85	corrosive or slightly corrosive substance, oxidizing (fire-intensifying)
856	corrosive or slightly corrosive substance, oxidizing (fire-intensifying) and toxic
86	corrosive or slightly corrosive substance, toxic
88	highly corrosive substance
X88	highly corrosive substance, which reacts dangerously with water
883	highly corrosive substance, flammable (flash point between 23°C and 61°C)
885	highly corrosive substance, oxidizing (fire-intensifying)
886	highly corrosive substance, toxic
X886	highly corrosive substance, toxic, which reacts dangerously with water
89	corrosive or slightly corrosive substance, which can spontaneously lead to violent reaction
90	environmentally hazardous substance; miscellaneous dangerous substance