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Flammable gas 	Oxidising gas (O) 	Self-heating substances 	Aspiration hazard (Xn) 	Eye damage (Xi) 	Carcinogenicity 
Flam.Gas	Ox.Gas	Self-heat.	Asp.Tox.	Eye Dam.	Carc.
ignitable mixture with air 1- <13% (F+) (2-exists)	1-supports combustion more than air	sample on air at 140°C 1-cube 25mm 2-cube 100mm	1-pulmonary injury or death after entry of a liquid or solid into respiratory system	1-irreversible >21 days (Eye Irrit.2-heals within 21 days)	1A-proven for humans (T) 1B-for animals (T) 2-suspected (Xn) i-by inhalation
Flammable liquid 	Oxidising liquid (O) 	In contact with water emits flammable gas 	Acute toxicity 	Skin corrosion (C) 	Germ cell mutagenicity 
Flam.Liq.	Ox.Liq.	Water-react.	Acute Tox.	Skin Corr.	Muta.
flash and boiling point 1- <23°C; ≤35°C (F+) 2- <23°C; >35°C (F) 3- 23-60°C; —	pressure rise rate in the 1:1 _w mixture with cellulose equal or higher than of: 1- 50% HClO ₄ (aq) 2- 40% NaClO ₃ (aq) 3- 65% HNO ₃ (aq)	1-gas auto-ignites, or evolves at >10 l gas/kg·min (F) 2- >20 l/kg·hour (F) 3- >1 l/kg·hour	Oral/dermal LD ₅₀ (mg/kg; death in 24h), and by inhalation LC ₅₀ (mg/l; 4h) 1- ≤5; ≤50; ≤0.5 (T+) 2- 5-50; 50-200; 0.5-2.0 (T+) 3- 50-300; 200-1000; 2-10 (T) (4- 300-2000; 1000-2000; 10-20; Xn)	destroys skin after exposure 1A- ≤3 min 1B- 3 min - 1 h 1C- 1-4 h (Skin Irrit.2-irritation; Xi)	evidence exists 1A-human epidemiological (T) 1B-germ cells of mammals / no transmission humans (T) 2-germ cells in vitro / somatic in mammals (Xn)
Flammable solid (F) 	Oxidising solids (O) 	Explosive and self-igniting substances 	Specific target organ toxicity — repeated exposure 	Specific target organ tox. — single exposure 	Reproductive toxicity 
Flam.Sol.	Ox.Sol.	Expl. - Explosive (E) Org.Perox. - Organic peroxide (O) Self-react. - Thermally unstable (even without oxygen) (F+) Pyr.Liq.1/Pyr.Sol.1 - Pyrophoric liquid / solid (auto-ignites on air <5 min) (F)	STOT RE	STOT SE	Repr.
burning rate >2.2 mm/s; wetted zone 1-doesn't stop fire 2-stops fire for ≥4 min	a 1:1 or 4:1 sample-cellulose mixture burns faster than a KBrO ₃ :cellulose mixed at 1- 3:2 (by mass) 2- 2:3 (by mass) 3- 3:7 (by mass)		1-serious effects in humans at low concentrations (T) 2-harmful for humans or serious effects in animals in moderate concentrations (at levels similar to Acute Tox.2 daily) (Xn)	1-serious effects in humans at low concentrations (T) 2-at moderate conc. (as in Acute Tox.4) (Xn) (3-transient effects, such as narcotic)	1A-proven for humans (T) 1B-for animals (T) 2-suspected (Xn) (Lact.-milk transfer) F/f-fertility, D/d-unborn child
Flammable aerosol 	Gas under pressure 	Corrosive to metals 	Hazardous to aquatic environment 	Hazardous to the ozone layer (N)	Sensitisation (allergy or hypersensitivity)
Flam.Aerosol	Press.Gas	Met.Corr.	Aquatic Acute 1 - short-term ≤1 mg/l (N)	Ozone	Skin Sens.1 
in a spray container 1-ignition at distance ≥75cm 2-ignitable	compressed, liquefied, refrigerated liquefied or dissolved gas	corrosion rate on steel or aluminium 1- >6.25 mm/year at 55°C	Aquatic Chronic - long-term 1- ≤1 mg/l (N) 2- 1-10 mg/l (N) (3- 10-100 mg/l) (4- concerns exist)	containing at least 0.1% of an ozone-depleting substance (freon)	Resp.Sens.1 - respiratory (or symptoms of asthma) 

Categories with a signal word **Danger** are emphasized. Categories in **parentheses** are labeled only by the (N) mark (except Flam.Gas 2, Lact. and Aquatic Chronic 3/4: no symbol).