





Table 1 Physical-Chemical Properties

Danger symbol	Danger identifier	Danger considerations (R-Sentences) Selection according to Appendix I GefStoffV	Identification letter
	Explosive	<p>R 2 Explosive by impact, friction, fire or other ignition sources.</p> <p>R 3 Extra explosive by impact, friction, fire or other ignition sources particularly explosion-dangerously.</p> <p>R 5 Explosive when heating up.</p>	E
	Oxidizing	<p>R 7 Can cause fire.</p> <p>R 8 Danger of fire during contact with inflammable materials.</p> <p>R 9 Danger of explosion when mixed with inflammable materials.</p>	O
Without Symbol	Inflammable	R 10 Inflammable Liquids with ignition point ≥ 21 up to ≤ 55 °C	Without Identification letter
	Easy inflammable	<p>R 11 Easy inflammable Liquids with flash point < 21 °C, which are not highly inflammable Solid materials which can to be easily ignited by a brief effect of an ignition source and after their elimination burn further or are able glow further.</p> <p>R 15 Reacts with water generating easy inflammable gases.</p> <p>R 17 Inflammable in air.</p>	F
	High inflammable	R 12 Highly inflammable. Liquids with flash point < 0 °C and boiling point ≤ 35 °C. Gas like materials, inflammable at normal temperature and pressure at air contact.	F+