

Technical information

Safety characteristics of flammable gas and vapours

Medium	Ignition temperature °C	Temperature class	Explosion group	Medium	Ignition temperature °C	Temperature class	Explosion group
Acetaldehyde	140	T4	II A	Ethylenoxid	440	T2	II B
Acetic acid	485	T1	II A	Ethyl ether	170	T4	II B
Acetic anhydride	330	T2	II A	Ethyl glycol	235	T3	II B
Acetone	540	T1	II A	Fuel oil	220 up to 300	T3	II A
Acetylene	305	T2	II C (3)	Hydrogen aeroxid	560	T1	II C (2)
Ammonia	630	T1	II A	Hydrogen disulphide	270	T3	II B
Amylacetate	380	T2	II A	Methane	595 (650)	T1	II A
Benzene	220	T3	II A	Methanol	455	T1	II A
Benzol	555	T1	II A	Methyl chloride	625	T1	II A
Carbon disulphide	95	T6	II C (1)	n - Butane	365	T2	II A
Carbon monoxide	605	T1	II A / II B	n - Butylalcohol	340	T2	II A
Cerosin	220 up to 300	T3	II A	n - Hexane	240	T3	II A
Cyclohexene	430	T2	II A	n - Propylalcohol	405	T2	*)
1,2 - Dichlorethane	440	T2	II A	Naphtalene	540	T1	II A
Diesel fuel	220 up to 300	T3	II A	Oleic acid	360	T2	*)
Ethane	515	T1	II A	Phenol	595	T1	II A
Ethylacetate	460	T1	II A	Propane	470	T1	II A
Ethylalcohol	425	T2	II A / II B	Tetraline	425	T2	*)
Ethylchloride	510	T1	II A	Toluole	535	T1	II A
Ethylene	425	T2	II B				

Source: Appendix B, VDE 0165/9.83
 (1) Also Explosion group II B + CS₂

*) The explosion group for this medium has not yet been defined

(2) Also Explosion group II B + H₂

(3) Also Explosion group II B + C₂H₂