

Chemical Name CAS-Number	Colour/Form	Boiling Point (°C)	Melting Point (°C)	Molecular Weight	Solubility in Water	Relative Density (water=1)	Relative Vapour Density (air=1)	Vapour Pressure/ (Kpa)	Inflam. Limits	Flash Point (°C)	Auto Ignition Point (°C)
AMYL NITRITE 110-46-3	yellowish, transparent liquid	99		117.1	sl sol	0.8828	4.0				
1-CHLORO-1-NITRO- ETHANE 598-92-5		124.5		109.51	insol	1.2837					
2-CHLORO-2-NITRO- PROPANE 594-71-8	liquid	133.6		123.55	0.5 ml sol in 100 ml @ 20 ° C	1.197 @ 20 ° C/20 ° C	4.3	8.5 mm Hg @ 25 ° C		57 ° C oc	
1-CHLORO-1-NITRO- PROPANE 600-25-9	liquid	143		123.54	0.5ml/100 ml	1.209	0.3	5.8 mm Hg @ 25 ° C		62 oc	
CHLOROPICRIN 76-06-2	slightly oily liquid; colourless; faint yellow liquid.	112	-69.2	164.4	sol	1.6558	5.7	5.7 mm Hg @ 0 ° C			
1,1-DICHLORO-1-NI- TROETHANE 594-72-9	colourless liquid	124		143.9	0.25 ml/100 m l	1.4271	5.0	16.0 mm Hg @ 25 ° C		76 oc	
DIETHYLENE GLYCOL DINITRATE 693-21-0	liquid	161	-11.6		sl sol	1.377 @ 25 ° C					
ETHYLENE GLYCOL DINITRATE 628-96-6	yellowish, oily liquid; colourless	197-200	-22.3	152.06	insol	1.4918	5.24	7 Pa		215 cc	114
ETHYLENE GLYCOL DINITRATE mixed with NITROGLYCERIN (1:1) 53569-64-5	pale yellow, viscous liquid	197-200	-22.3	152.06	sl sol	1.4978				218	
ETHYL NITRATE 625-58-1	colourless liquid	87.2 ° C at 762 mm Hg	94.6 ° C	91.07	1.3 g in 100 ml @ 55 ° C	1.1084 at 20 ° C/4 ° C	3.1		lower, 4.0% by vol	10	
ETHYL NITRITE 109-95-5	colourless or yellowish, clear liquid	17	-50	75.07	slightly sol	0.90 @ 15 ° C/15 ° C	2.6		4.0% ll 50.0% ul by volume in air	-35 ° C	90 (decom- poses)
NITRILOTRIACETIC ACID 139-13-9	prismatic crystals from hot water; white crystalline powder		242	191.1	sl sol	> 1					
NITROETHANE 79-24-3	oily liquid; colourless liquid	114	-50	75.07	sl sol	1.0448 @ 25 °C/4 °C	2.58	2.08	4.0 ll ? ul	28	414
NITROGLYCERIN 55-63-0	pale yellow triclinic or rhombic crystals below	260	13	227.1	sl sol	1.5931	7.8	0.0025 mm Hg			270

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	melting point; viscous liquid; pale-yellow, oily liquid										
NITROMETHANE 75-52-5	colourless liquid; oily liquid	101.1	-29	61.04	sol	1.14	2.11	3.5	7.3 ll ? ul	35 cc	417
1-NITROPROPANE 108-03-2	colourless liquid	131.6	-108	89.09	sl sol	0.9934 @ 25 °C/4 °C	3.1	7.5 mm Hg	2.2	34	
2-NITROPROPANE 79-46-9	colourless liquid	120	-93	89.09	sl sol	0.9821 @ 25 °C/4 °C	3.06	20 mm Hg @ 25 °C	2.6 ll 11.0 ul	24 cc	428
PENTAERYTHRITOL TETRANITRATE 78-11-5	white crystalline; prisms (acetone-alcohol)	180 @ 50 mm Hg	140	316.1	sl sol	1.773					
PROPYL NITRATE 627-13-4		110		105.09	sl sol	1.0538					
1,2-PROPYLENE GLYCOL DINITRATE 6423-43-4	colourless liquid	121	-27.7	166.09	sol	0.9234				361	
TETRANITROMETHANE 509-14-8	pale yellow liquid; colourless oily fluid	126	13.8	196.0	insol	1.6229	0.8	13 mm Hg @ 25 °C			