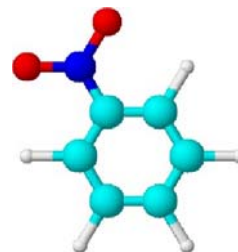


N1700FT Gold Line**Typical analysis**

Assay (GC)	min 99%
Chloride (Cl)	0.0002%
Free acid (HNO ₃)	0.005%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Residue on evaporation	0.005%
Total chlorine	0.003%
Total sulphur	0.001%
Water (H ₂ O) [Karl Fisher]	0.05%

Packaging

500ml amber glass bottle
2.5l amber glass bottle

**Physical properties, composition and data**

Chemical formula	C ₆ H ₅ NO ₂
Synonym	Essence of mirbane; Nitrobenzol; Oil of mirbane
Chemical group	Nitro compounds
Atomic weight	123.11
Weight per litre	1.20kg
Appearance	Colourless to pale yellow oily liquid
Miscibility	Soluble in water, ethanol, ether, benzene oils
Melting point	5.7°C
Boiling point	210.85°C
Flash point	88°C
Auto ignition temperature	482°C
Density (g/ml)	1.2
pH (aqueous solution)	8.1
Hazardous material	Flammable and toxic

Laboratory preparation, applications and practices

Laboratory preparation	From benzene by nitrating with nitric acid - sulphuric acid mix
Usage	Analytical and synthesis reagent
Filter paper	Filtech no: 0222, 0225, 1839

Storage and handling information

Storage/handling	Store in a fireproof place separated from oxidants and nitric acid
Safety phrases	28-36/37-45-61
Risk phrases	23/24/25-40-48/23/24-51-53
Disposal methods	1
Caution	Rapidly absorbed through the skin

Transport regulations

Tariff code	2904.20.30
Hazardous class	6
Packing group	II
UN number	1662
ERG number	152

