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Typical Product Specifications & Properties

Trichloroacetonitrile

CAS Number: : 545-06-2

Specifications	Limits
Molecular weight	144.39
EINECS	208-885-7
SMILES	<chem>C(C#N)(Cl)(Cl)Cl</chem>
InChI	1S/C2Cl3N/c3-2(4,5)1-6
InChIKey	DRUIESSIVFYOMK-UHFFFAOYSA-N
Density	1.44 g/mL at 25 °C
Melting Point	-42 °C
Boiling Point	83-84 °C
Storage Temperature	0-6°C
Water solubility	><0.1 g/100 mL at 21.5 ºC
Stability	Stable, but water sensitive. Incompatible with acids, water, steam. May hydrolyze in alkali or acid conditions
Refractive Index	1.441



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Specifications	Limits
Solubility	<0.1 g/100 mL at 21.5°C
Vapor Pressure	58 mm Hg (20 °C)
Sensitive	Lachrymatory
BRN Number	605572
Merck	14,9628
Flash Point	None



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