

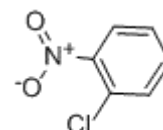
Technical Data Sheet

Basic information

Chemical name	O-Nitrochlorobenzene
Synonyms	2-Nitrochlorobenzene
CAS.No.	88-73-3
EINECS No.	201-854-9
Molecular weight	157.55

Formula C₆H₄ClNO₂

Chemical structure



Physical properties

Appearance	Light yellow fused solid
Density, 20°C, g/cm ³	1.348
Boiling point, °C	246
Melting point, °C	31~33
Flash point, °F	>230
Refractive index	/
Solubility	Slightly soluble in water, dissolved in water at 20°C 0.03%. Soluble in ethanol, ether, acetone, benzene and other organic solvents.

Specification

Items	Specification	Results
Appearance	Light yellow fused solid	Conforms
Purity,%	≥99.8	99.87
PNCB,%	≤0.1	0.05
MNCB,%	≤0.1	0.01
High Boiling Substance,%	≤0.1	0.02
Low Boiling Substance,%	≤0.1	0.01
Moisture,%	≤0.1	0.04
Melting point, °C	≥32	32.02

Application

1.It is a pesticide (such as carbendazim), dyes, pharmaceutical important intermediates, but also for the rubber accelerator M raw materials;

2.O-nitrochlorobenzene is an important organic synthesis intermediates, can be derived from a variety of intermediates. In the dye industry for the system of yellow-based GC, orange-based GR; in the use of additives for the manufacture of rubber accelerator M and DM; in the spice industry for vanillin synthesis; pesticide industry for the production of thiophanate and Methyl thiophanate, carbendazim; it is also a raw material for benzotriazole-based UV absorbers. Is also an important intermediate medicine

Package

250kg/drum, 20mt per 20'ft;



Safety on transportation

It belongs to the class 6.1 dangerous product, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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