



Karoon Petrochemical Company

Address :

Head office:

No.17,Khalilzadeh St., Vali-e-asr Ave., Vanak Sq., Tehran-Iran

Factory:

Site 2,Pet zone, Bandar Imam Khomeini-Iran

☎ 0098 21 88786992-5

☎ 0098 21 88677428

Web-site :

www.krnpcc.com

E-mail :

Irahmani@krnpcc.ir

NITROBENZENE

Property	Specification	Analytical Method
Appearance @ 30 °C	Pale Yellow	Visual
Nitrobenzene (Wt.%)	99.2± 0.2	GC- 1-2.9.3-1008
Benzene (ppm by weight)	Max. 600	1-2.9.3-1008
Dinitrobenzene (ppm by weight)	Max. 300	1-2.9.3-1008
Water	Balance	1-2.9.3-1004

⇒ Nitrobenzene does not occur naturally in the environment. It is produced industrially by reacting benzene with sulphuric acid, nitric acid and water..

■ Application areas

Nitrobenzene is commonly used to manufacture:

- ✓ One of the major uses for nitrobenzene is for the production of aniline, which is a chemical intermediate used during the manufacture of polyurethane foams.
- ✓ "Nitrobenzene is also used industrially in the manufacture of some dyes, rubbers and pharmaceuticals (it is an important component in the production of paracetamol). Nitrobenzene is also used as a constituent in some polishes and paint solvents and as a solvent in the refining of petroleum.
- ✓ Historically nitrobenzene was used in perfumes and as a flavouring known as 'artificial oil of bitter almonds' due to its strong odour. This use of nitrobenzene has long been discontinued due to its toxicity.

■ Handling and storage conditions

Do not breathe dust. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Use only in area provided with appropriate exhaust ventilation.

Storage: Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Keep away from heat and sources of ignition.

Store in tightly closed/properly vented containers with vents directed to locations removed from potential personnel exposure. Store in well ventilated area away from water, moisture, humidity, and direct sunlight. Storage and handling in CS is preferred.

■ Packing details

In 220 lit (200 kg Net.) new steel drum, each 4 drums strapped on a wooden pallet.

■ Licensor: Chematur