



Karun Petrochemical Company

Address :

Head office:

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

Factory:

Site 2,Petrochemical Special
Economic Zone (Pet zone), Bandar-
e-Imam Khomeini, Iran.

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Property	Specification	Analytical Method
Appearance 30 °C	Clear liquid	Visual
Aniline Purity ,%Wt.	Min. 99.8	GC/1-2-9.3-1015
Nitrobenzene (ppm by weight)	Max. 5.0	GC/1-2.9.3-1013
Water	Max. 0.2	GC/1-2.9.3-1005
Freezing point	-6.2°C	GC/1-2.9.3-ND15
Colour , APHA	Max 100	GC/1-2.9.3-1006

⇒The current manufacturing technology of Aniline is based on the Hydrogenation of Nitro benzene.

■ Application areas

Aniline is used to manufacture:

- ✓ Aniline has various uses- it is used to prepare other chemical substances to make polymers.it is use in the dye industry as well.
- ✓ Aniline is predominantly used as hardener in polymer industries.
- ✓ Aniline is predominantly used as solvent , and has been used as an antiknock compound for gasoline.

■ Handling and storage conditions

Prior to working with aniline you should be trained on its proper handling and storage.

Aniline reacts violently with OXIDIZING AGENT (such as PERCHLORATES, PERMANGANATE, CHLORATE, NITRATE ,CHLORIN,BROMINE and FLUORINE) and STRONG ACIDE(such as HYDROCHLORIC,SULPHURIC and NITRIC),ALKALIES(such as METAL HYDROXIDE and METAL CARBONATES);STRONG BASES(such as SODIUM HYDROXIDE and POTASSIUM HYDROXIDE);and TOLUENE DIISOCYANATE.

Store in tightly closed containers in a cool, ventilated area away from Air, LIGHT and COPPER.

Source of ignition, such as smoking and open flame are prohibited where Aniline is used ,handled, or Stored in manner that could create a potential fire or explosion hazard .Aniline attacks RUBBER ,PLASTIC AND COATING.

■ Packing details

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

■ Licensor: Chematur Engineering (CEAB), Sweden.