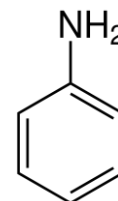


Aniline



You Desire, We Export



Data Sheet

Aniline is an organic compound with the formula $C_6H_5NH_2$. Consisting of a phenyl group attached to an amino group, aniline is the prototypical aromatic amine. Its main use is in the manufacture of precursors to polyurethane and other industrial chemical.

Aniline		
Properties	SPECIFICATION	TEST METHOD
Appearance 30 °C	Clear liquid	Visual
Aniline Purity, %wt.	Min 99.8	GC/ 1-2.93-I015
Nitrobenzene, ppm by weight	Max 5.0	GC/ 1-2.9.3-I013
Water, %wt.	Max 0.2	GC/ 1-2.9.3-I005
Freezing point	-6.2 °C	GC/ 1-2.9.3-N015
Color, APHA	Max 100	GC/ 1-2.9.3-I006

*Note: The current manufacturing technology of Aniline is based on the Hydrogenation of Nitrobenzene

➤ APPLICATION

Aniline has various uses

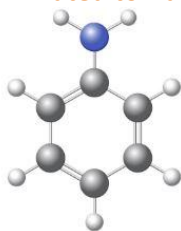
- It is applied to prepare other chemical substances to make polymers.
- It is used in the dye industry as well.
- Aniline is predominantly used as hardener in polymer industries.
- Aniline is predominantly used as a solvent, and has been used as an antiknock compound for gasoline.

➤ Packing

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

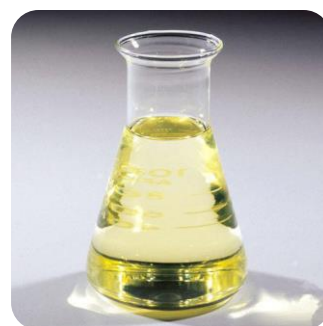
➤ Licensor

Chematur Engineering (CEAB), Sweden.



➤ Handling and Storage

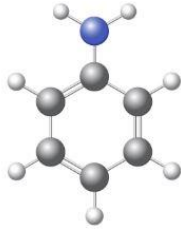
- Prior to working with Aniline, you should be trained on its proper handling and storage.
- Aniline reacts violently with OXIDIZING AGENTS (such as PERCHLORATES, PEROXIDES, PERMANGANATES, CHLORATES, NITRATES, CHLORINE, BROMINE and FLUORINE) and STRONG ACIDS (such as HYDROCHLORIC, SULFURIC and NITRIC) and may cause fires and explosions.
- Store in tightly closed containers in a cool, well-ventilated area away from AIR, LIGHT and COPPER. Sources of ignition, such as smoking and open flames, are prohibited where Aniline is used, handled, or stored in a manner that could create a potential fire or explosion hazard. Aniline attacks RUBBER, PLASTIC, and COATINGS.



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