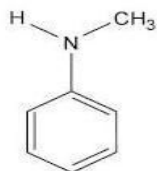


Chemical Name: N-methylaniline
Type: Antiknock Agents/Octane Uumber Improver
CAS No.: 100-61-8

Molecular Weight: 107.15

Chemical formula:



Property: The product is light yellow or red-brown oily liquid; it will gradually turn into brown color when it is exposed to sunlight or air. The density of the product is 0.987-0.994g/cm³, the melting point is -57, the boiling point is 196, 156 (250mm Hg), 86 (15 mm Hg) and 79.2 (10 mmHg). It is soluble in the organic solvents such as ethanol, ethyl ether and chloroform while it is insoluble in water.

Specification:

Item	Index	
	N-methylaniline	99%min
Aniline	0.2%max	2.5%max
N,N-dimethylaniline	0.7%max	2%max
Other & moisture	0.1%max	0.5%max

Handling and Storage

Handling: Use spark-proof tools and explosion proof equipment. Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Take precautionary measures against static discharges. Use only in a chemical fume hood.

Storage: Keep away from sources of ignition. Store in a cool, dry place. Do not store in direct sunlight. Store in a tightly closed container.

Application:

1. Used as important raw material of pesticide Buprofezin and Mefenacet,
2. Used to make cationic dye .
3. Used as the intermediate in the course of organic synthesis.
4. Used as antiknock agent in the plastics and rubber industry.
5. It has wide applications in the field of petroleum additives.(95.0%)

Usage proportion of N-methylaniline in fuel oil

When 60# gasoline adjustment to 90 # gasoline,Usage proportion is 3%-4% (V/V);
 When 90# gasoline adjustment to 93 # gasoline,Usage proportion is 0.8%-1.2% (V/V);
 When 90# gasoline adjustment to 97 # gasoline,Usage proportion is 2%-3% (V/V);
 can reduce fuel consumption 10%-15%.

Package: Packed in 200 KG Iron Drum.



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