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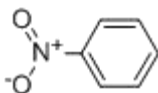
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Technical Data Sheet

Nitrobenzene

Chemical Name	Nitrobenzene
CAS #	98-95-3
Formula	C6H5NO2
Molecular Weight	123.11
Synonyms	Benzene,nitro-;

Structure



Description

Nitrobenzene famous celebrity made bitter almond oil, oil, pure product is almost colorless or pale yellow oily liquid, there is a special smell similar to bitter almond oil, can be volatile with water vapor. Poisonous. Relative density 1.307, melting point 5.70, boiling point 210.9. Ordinary products often contain a small amount of two nitrobenzene and two nitro thiophene and other impurities, yellow or red yellow liquid. Almost insoluble in water, soluble in ethanol, ether and other organic solvents.

Specification

Items	Specification	Results
Appearance	Light yellow liquid	Conforms
Purity	≥99.8%	99.98%
Color, Hazan	≤25.00	20.00
Avoiding crystallization point	≥5.5°C	5.7°C
low-boiling-point substance	≤0.05%	0.005%
Total nitrotoluene	≤0.05%	0.001%
High-boiling-point substance	≤0.10%	0.001%
Water	≤0.10%	0.01%

PH

7.10

Applications

As a basic organic chemical raw materials, used in the production of a variety of pharmaceutical and dye intermediates, such as aniline, amino benzene sulfonic acid, dinitrobenzene, etc., also used as a solvent

Packaging

200kgs per iron drum
200kgs*80drums=16tons/20”FCL

Storage

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container dry. Keep in a cool place

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