

# para Methoxy phenyl aceto nitrile

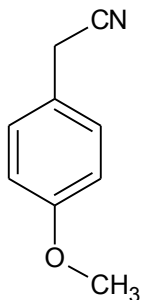
Technical Data Sheet | Aromatics Business



## Synonyms

*p*-Methoxybenzeneacetonitrile; (4-Methoxyphenyl)acetonitrile;  
1-(Cyanomethyl)-4-methoxybenzene; 4-Methoxybenzyl cyanide;  
2-(4-Methoxyphenyl)acetonitrile; *p*-Anisylacetonitrile;  
*p*-Methoxybenzyl nitrile

## Chemical structure and identity



Molecular formula	C <sub>9</sub> H <sub>9</sub> NO
Molecular weight	147.17
CAS number	104-47-2
EINECS number	203-206-0
UN number	3276
HS code	29143990

## Specifications

Appearance	Clear, colourless to pale-yellow liquid
Purity (by GC)	99% minimum
<i>p</i> -Anisic alcohol	0.5% maximum
Moisture (by KF)	0.25% maximum

## Physical properties

Specific gravity	1.080 to 1.090 at 25°C
Boiling range	286°C to 287°C at 760 mm Hg

## Description

*para* Methoxy phenyl aceto nitrile is a clear, colourless to pale-yellow liquid.

## Applications

Intermediate for pharmaceutical products

## Packaging

*para* Methoxy phenyl aceto nitrile is available in 200 kg HM-HDPE drums.

## Shelf life

36 months from the date of manufacturing

## Storage and handling

Keep containers tightly closed and store at ambient temperature, away from heat, direct sunlight to avoid colouration. Keep away from sources of ignition and combustible, oxidising or acidic materials. Avoid contact with eyes, skin or clothing. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

# para Methoxy phenyl aceto nitrile

Technical Data Sheet | Aromatics Business



## Safety

Use suitable Personal Protective Equipment (PPE). Wear protective gloves, a dust mask and safety goggles. Keep material away from foodstuffs, beverages and feed. Wash hands thoroughly after handling this product. Always refer to the SDS for detailed information on safety.

## First aid

**Eye contact:** Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.

**Skin contact:** Immediately wash the affected area thoroughly with soap and water. Remove clothing contaminated by the product. Consult a physician.

**Ingestion:** Avoid ingestion as the product is toxic. Do not induce vomiting. Consult a physician immediately.

**Inhalation:** Avoid inhalation as the product is toxic. Shift the affected person to fresh air. In case of irregular breathing or respiratory arrest, provide artificial respiration. Consult a physician immediately on suspicion of intoxication.

## Spills and disposal

In case of spillage and | or leakage, always shut-off all possible sources of ignition and absorb the spilled material carefully with suitable liquid binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Do not allow the spilled material to enter sewers, surface or groundwater. Dispose of the contents | container(s) in accordance with local, regional, national or international regulations | guidelines, as applicable.

## Contact

E-mail: [aromatics@atul.co.in](mailto:aromatics@atul.co.in)  
Website: [www.atul.co.in](http://www.atul.co.in)