

Tert.-Amyl Alcohol

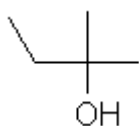
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BASF
The Chemical Company

Technical Data Sheet

October 2005

FormulaC₅H₁₂O
Molecular Weight 88.2
PRD Number..... 30036713
CAS Registry Number..... 75-85-4



Description

Tert.-Amyl alcohol is a colorless liquid, with a pungent odor. It is soluble with water and other organic solvents.

Synonyms

tert-Pentyl alcohol
2-Methylbutan-2-ol
2-Methyl-2-butanol
1,1-Dimethyl-1-propanol
2-Hydroxy-2-methylbutane
2-Methylbutanol-2
Dimethylethylcarbanol

Safety

Tert.-Amyl alcohol is highly flammable. Harmful by inhalation and can irritate the respiratory system and skin.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

Contact us:

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Chemicals

Product Specifications	Value	Test Method
Assay, % minimum	99	GC
Water, % maximum	0.2	DIN 51 777

Physical Properties	
Melting Temperature, °C	-8.4
Boiling Temperature, °C	102
Density @20°C, g/cm ³	0.806
Flash Point, °C	20.5
Ignition Temperature, °C	425

Applications

Intermediate used in the production of:

- Pharmaceuticals
- Peroxides

Also used as a:

- Additives for fuels and lubricants
- Plasticizer
- Corrosion inhibitor

Packaging

Available in drums.

Storage & Handling

Tert.-Amyl alcohol has a shelf life of 24 Months in unopened, original container. It must be protected from light, heat, fire and sources of ignition. Also prevent electrostatic charge. Seal tightly in a dry place. Ensure thorough ventilation of work and storage area.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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