

2-Methylbutanol

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BASF
The Chemical Company

Technical Data Sheet

July 2009

Formula C₅H₁₂O
Molecular Weight 88.2
PRD Number 30436131
CAS Registry Numbers 137-32-6

Specification	Value	Test Method
Total C5 alcohols, wt. %, min.	95	GC
Acidity as acetic acid, wt. %, max.	0.01	ASTM D-1613
Water, wt. %, max.	0.2	ASTM E-203
Color, Pt-Co Units, max.	10	ASTM D-5386
Appearance	CFSM*	Visual

*Clear and free of suspended matter

Description

This product is predominately 2-methylbutanol with typically less than 20% of n-pentanol and 3-methylbutanol.

Physical and typical properties	
2-Methylbutanol, wt. %	75 - 85
Boiling range, °C	128 - 131
Density @ 20 °C, g/cm ³	0.819
Flash point, °C, Pensky-Martens CC	44
Vapor pressure, 20 °C, mbar	4.3
50 °C, mbar	27.4

Packaging

Available in bulk.

Safety and Handling

2-Methylbutanol is flammable. Avoid inhalation of vapor and contact with the skin, eyes, and clothing.

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

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