



Tradename **1,4 Butanediol**

Chemical Composition 1,4 Butanediol

Catalog Nr **Q540**

CAS Nr 110-63-4

Definition **1,4-Butanediol** is the organic compound with the formula HOCH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>OH. This colorless viscous liquid is derived from butane by placement of alcohol groups at each end of the chain. It is one of four stable isomers of butanediol.

Application 1,4-Butanediol is used industrially as a solvent and in the manufacture of some types of plastics, elastic fibers and polyurethanes. In organic chemistry, 1,4-butanediol is used for the synthesis of  $\gamma$ -butyrolactone (GBL).

Key Functions used to manufacture valuable polymers

### Parameters

### Typical Properties

Boiling point @ 760 TORR	228°C/442°F
Freezing Point	19-20°C
Molecular Weight	90.12
Specific Gravity (20°/20°C)	1.015
Hydroxyl Value	1245
Flash Point (Closed Cup)	115°C/239°F

**Storage & Handling** READ AND UNDERSTAND MSDS BEFORE USING OR HANDLING THIS PRODUCT.

**Hazard Class**  Hazardous Chemical  
 Non- Hazardous Chemical

UN Nr  Class  Pack Group

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