

## ISOBUTYRALDEHYDE

### Properties

Appearance	clear liquid
Isobutyraldehyde, %, min	99,5
n-Butyraldehyde, %, max	0,1
Water, %, max	2,5
Acid Number, mg KOH/g, max	2
Platin/Cobalt-Color, max	5
Triethanolamine (Stabilizer), %	0.002 – 0.006
Density at 20 °C	0.787 – 0.800 g/cm
Refractive Index nD bei 20 °C	1.3725 – 1.3760

#### HAZARD IDENTIFICATION AND SAFETY REQUIREMENTS

Extremely flammable liquid and vapour. Causes serious eye irritation. Acute aquatic toxicity. Hazardous class 3. Complete safety requirements are written in the safety data sheet.

#### TRANSPORTATION

In railway tank cars, tank-containers, in bulk

#### APPLICATION

Used as an intermediate in the manufacturing plasticizers, alcohols isobutanol, neopentyl glycol, solvents and polymers. It is also used as an intermediate to make pharmaceuticals, agrochemicals, vitamins, antioxidants, rubber accelerators, textile auxiliaries, perfumery and flavors.