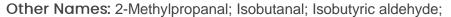
# **ISOBUTYRALDEHYDE**

**CAS Number:** 78-84-2



Valine aldehyde; Isopropylaldehyde

Formula: C<sub>4</sub>H<sub>8</sub>O



### PRODUCT INTRODUCTION

Isobutyraldehyde is an aldehyde, isomeric with n-butyraldehyde (butanal) having chemical formula  $C_4H_8O$ . It is a colorless, flammable liquid which has a pungent, unpleasant odor. It is slightly miscible with water It is used as a chemical intermediate only.

### PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Liquid with No Suspended Matters
Water (%)	0.08
Free Acid (as Isobutyric Acid) (%)	0.01
Purity (%)	99.8

## **APPLICATIONS**

- Isobutyraldehyde is used as an intermediate in the preparation of isobutanol, methacrolein, hydroxypivaldehyde and neopentyl glycol.
- Isobutyraldehyde is an intermediate for the chemical industry, for example for the manufacture of pharmaceuticals, crop protection products, pesticides, synthetic resins, antioxidants, vulcanisation accelerators, tanning auxiliaries, perfumes.

### **PACKING OPTIONS**

**Drums** 

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