



Butyraldehyde

Butanal

Butal

Butaldehyde

Butyl Aldehyde

Butyric Aldehyde

CH₃CH₂CH₂CHO

Description

A colorless liquid, with a particularly unpleasant smell. Miscible with almost all common organic solvents.

Physical properties

Molecular Weight	72.11
Relative Evaporation Rate nBuAc=1	7.42
Vapor Pressure at 20°C, mmHg	83.1
Density at 20°C lb/gal	6.70
Specific Gravity at 20/20°C	0.803
Viscosity at 20°C cP	0.4
Surface Tension	
(dynes/cm at 20°C)	25.6
(dynes/cm at 25°C)	-
Hansen Solubility Parameters, [cal/cm ³] ^{1/2}	
Total	-
Non-Polar	-
Polar	-
Hydrogen Bonding	-
Boiling Point, °C at 760mm Hg	75.7
Melting Point C	-96.4
Solubility at 25°C	
%Wt In Water	7.1
%Wt Water in	3.0
Closed Cup Flash Point °F	8
SARA 313 (see note 1 †)	Y
Hazardous Air Pollutant (see note 2 † †)	N

† **Note 1:** Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III Section 313

† † **Note 2:** Hazardous Air Pollutants listed under Title III of the Clean Air Act

Classification/Registry Numbers

CAS Number	123-72-8
EINECS	204-646-6

(Please see second page)

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Features

- Slightly soluble in water
- Reactive intermediate

Applications

- Chemical intermediate
- Rubber accelerator
- Synthetic resins
- Perfumes
- Pesticides
- Crop protection products
- Oil soluble resins
- Pharmaceuticals

How supplied

- Bulk: Tank trucks/tank car

Note: Consult the appropriate Material Safety Data Sheet for safety and handling guidelines for this product.

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