

# Technical Datasheet:

## CLEANER 4

### Cleaner



#### CLEANER 4 | Butylacetate

is a clear, medium-volatility liquid with a characteristic ester odour. It is miscible with all common organic solvents, e.g. alcohols, ketones, aldehydes, ethers, glycols, glycol ethers and aromatic and aliphatic hydrocarbons. It's miscibility in water is limited.

#### Typical properties

Formula		C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>
Molecular weight		116,16 g/mol
CAS-No.		123-86-4
EINECS-No.		204-658-1
Density	@ 20 °C	0,879 g/cm <sup>3</sup>
Viscosity	@ 20 °C	0,74 mPas
Colour		colourless
Form		Liquid
Melting point		- 76 °C
Boiling point		124-128 °C
Vapour pressure	@ 20 °C	9,6 mbar
Solubility in water	@ 20 °C	4,3 g/l

#### I Applications

n-Butyl acetate is an important solvent in the paints industry on account of its versatility. It is an excellent solvent for cellulose nitrate, resins and polymers and for oils and fats. Its moderate volatility and its resistance to blushing and levelling problems such as orange peel effects make it possible for paints with excellent levelling and gloss to be formulated. n-Butyl acetate is often employed in combination with n-butanol in paints, because n-butanol enhances the resistance to blushing and increases the solvency in many cases. n-Butanol cannot be used in paint systems that have to be free of hydroxyl groups, such as isocyanate paints. Because of its low water absorption, its high resistance to hydrolysis and its

high solvency, n-butyl acetate can also be employed as an extractant in the manufacture of pharmaceutical preparations and as an ingredient of cleaners, essences and fragrances.

#### Storage

Containers should be stored tightly sealed in a dry place

#### Stability

max. storage time: one year

#### Packaging

drum: 180 kg, IBC: 865 kg, Bulk