



PETRONAS



Butyl Acetate

Overview of PETRONAS Chemicals Group Berhad

PETRONAS Chemicals Group Berhad (PCG) is the leading integrated chemicals producer in Malaysia and one of the largest in Southeast Asia. It operates **19 world-class manufacturing sites** in Malaysia, Asia-Pacific, Europe and North America. With a total combined production capacity of **15.4 million metric tons per annum (mtpa)**, it is involved primarily in **manufacturing, marketing and selling a diversified range of chemical products**, including olefins, polymers, fertilisers, methanol, other basic chemicals, derivative products and specialty chemicals.

Listed on Bursa Malaysia with more than three decades of experience in the chemicals industry, PCG is established as part of the PETRONAS Group to maximise value from Malaysia's natural gas resources.

PCG is committed to ensuring that its business practices are in line with globally recognised standards for Economic, Environment, Social & Governance (EESG) practices. It is currently listed in the FTSE4Good Bursa Malaysia (F4GBM) Index and the Dow Jones Sustainability™ World Index.

PETRONAS Chemicals Derivatives Sdn. Bhd. (PC DSB)

Produces Butyl Acetate in Kertih, Terengganu.



ISO 9001:2015, ISO 14001:2015
© ISO 45001:2018

Butyl Acetate

Colourless ester with a fruity sweet odour. Moderately volatile with excellent solvency characteristics, making them an important solvent in the paint and coating industries.

Characteristics and Benefits

n-Butyl Acetate is one of the important solvents in various industries such as paint and coatings, pharmaceuticals, among others, due to its versatility.

Excellent Dissolving Power

Makes them an important solvent for paint & coatings, printing, ink and aerosol spray application.

Good Volatility

Moderate volatility and resistance to blushing in drying paint and levelling problems.

Lower Water Absorption

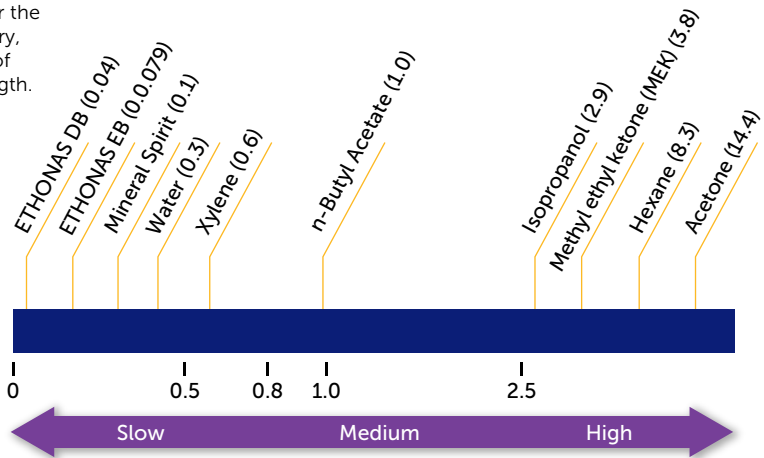
Used as an extraction solvent in the chemical and pharmaceutical industry.

Pleasant Odour







Their fruity odour characteristic allows them to be used in the manufacturing of essence and perfume.

Evaporation Rate Chart

Evaporation rate is important in the selection of solvent for the paints and coatings industry, as it determines the ease of application and coat strength.



Applications

Industry	Application	Function
 Paints & coatings	Plastic coatings	Solvent, gloss enhancer
	Wood lacquer	Solvent
	Paint	Solvent, levelling agent
	Aerosol spray	Solvent
 Ink & adhesives	Printing ink	Solvent
	Adhesives	Solvent
 Fragrance solvent	Manufacturing of essence, perfume	Flavouring agent
 Personal care	Fragrances	Chemical intermediate
	Nail polishes	Solvent / carrier
 Industrial	Coating for photography film	Solvent
 Leather industry	Leather cleaning cream	Solvent

Product Properties

Components	Unit	Butyl Acetate
Butyl Acetate	wt%	99.5 min
Butanol	wt%	0.5 max
Acidity	wt%	0.01 max
Water	wt%	0.05 max
Colour	PtCo	10 max
Relative Evaporation rate, nBuAc=1	-	1



For more information on PCG products



Connect with the team