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## Typical Product Specifications & Properties

# Butyl propionate

CAS Number: : 590-01-2

Specifications	Limits
Density	0.8754 (204 c)
Very Soluble	in water
Appearance	colorless clear liquid
Assay	98.00 to 100.00 %
Specific gravity	0.87500 @ 25.00 ?C
Vapor Pressure	4.420000 mm/Hg @ 25.00 ?C
Flash Point	101.00 ?F.TCC
Odor	Sweet, estry, banana, ripe, tufti-frutti, bright, lifting, cherry and rum-like
Boiling Point	145.00 ?C. @ 756.00 mm Hg
Vapor Density	4.5
Shelf Life	24 month(s) or longer if stored properly
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light



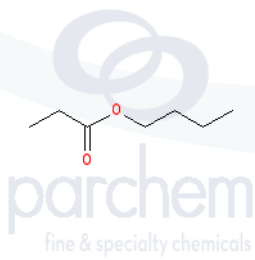
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Specifications	Limits
Taste	Fruity, sweet, banana, tropical and tutti-frutti
Pounds/Gallon	7.333 to 7.358
logP (o/w)	2.34
Refractive Index	1.40200 @ 20.00 °C
Acid Value	0.20 max. KOH/g
Odor Type	fruity
Melting Point	-89 c
Molecular weight	130.19
Color	colorless liquid
Solubility	oxygenated solvs.
Chemical Structure	 <p>The chemical structure shows ethyl butyrate, a common ester with a fruity odor. The structure is CH<sub>3</sub>(CH<sub>2</sub>)<sub>2</sub>COOCH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>. Below the structure is the Parchem logo and the text 'fine &amp; specialty chemicals'.</p>



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