

GALASTER BL 97

BLSTL97 / *galactic ref.*

BUTYL LACTATE 97% / *product name*

DESCRIPTION

Galaster BL 97 is the butyl ester of L(+) lactic acid, which is produced by fermentation. It is a clear and colorless liquid of low volatility, having a characteristic odour.

Galaster BL 97 is partly miscible with water and most organic solvents.

PHYSICO-CHEMICAL PROPERTIES

Chemical name		n-butyl-S(-)-2-hydroxypropionate
Molecular weight	<i>g/mol</i>	146
Molecular formula		C ₇ H ₁₄ O ₃
Density (@20°C/68°F)	<i>g/mL</i>	0.975 - 0.985
Refractive index (@25°C/77°F)	-	1.418 - 1.422
Distillation range (5-95%, 1013 mbar)	<i>°C</i>	180 - 195
Flash point (closed cup, ISO 3679)	<i>°C</i>	79

SENSORY CHARACTERISTICS

Color (fresh solution)	<i>Hazen</i>	Max. 50
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PURITY

Butyl lactate content	<i>% w/w</i>	Min. 97
Acidity (as lactic acid)	<i>% w/w</i>	Max. 0.1
Water content	<i>% w/w</i>	Max. 0.3
Non-volatiles	<i>% w/w</i>	Max. 0.01

REGISTRATION

CAS number	34451-19-9
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PACKAGING

See packaging list

STORAGE CONDITIONS

Dry, well ventilated room

SHELF-LIFE

24 months