

Technical Data Sheet

Tergitol™ 15-S-9

for biochemistry

Order number: 2271

Tergitol™ 15-S-9 is a biodegradable secondary alcohol ethoxylate. It is used as a detergent, emulsifier and wetting agent in a wide range of applications. Tergitol™ 15-S-9 is a suitable alternative to Triton® X-100 in biochemistry. Tergitol™ 15-S-9 can be used for isolation, purification and analysis of membrane components as well as for solubilization of hydrophobic proteins.

Product details

Tergitol™ 15-S-9 shows superior detergency. It has a good rinseability and rapidly dissolves in water, chlorinated solvents and most polar organic solvents. Tergitol™ 15-S-9 is chemically stable in the presence of dilute acids, bases and salts. It can be used in combination with anionic, cationic and other nonionic surfactants.

Physical Data

Appearance	Colorless to pale yellow liquid
Pour point	9 °C
Cloud point (10 % in water)	57.5 - 62.5 °C
pH (1 % in water)	5.5 - 7.5
Density (20 °C)	1.01 g/ml
Viscosity (25°C)	60 cP
CMC (Critical Micelle Concentration) (25°C)	52 ppm
HLB (hydrophilic-lipophilic balance)	13.3

Related products

2268	Ecosurf™ SA-9 for biochemistry
2325	Ecosurf™ EH-9 for biochemistry
1111	DTT for biochemistry
1448	n-Decyl-β-D-maltoside for crystallography

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