

## Product Datasheet

### GD0485 - Sodium dodecyl sulfate, 10% solution in water

Precautionary Codes

P305+P351+P338, P280,  
P310

Pictograms



#### Product Details

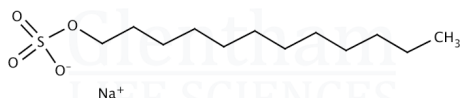
Product Name	Sodium dodecyl sulfate, 10% solution in water
Glentham Code	GD0485
CAS Number	151-21-3
EINECS	205-788-1
MDL Number	MFCD00036175
Related Categories	Detergents, Reagents for Gel Electrophoresis of Proteins, Reagents for Western Blotting

#### Glentham Product Specification

Physical Description	: Clear, colourless liquid
Concentration	: 9.8 - 10.2 % (w/v)
UV Absorption	: 260nm: ≤ 0.3au : 280nm: ≤ 0.2au
Chloride (Cl)	: ≤ 50ppm
Version	: v1.0

#### Structure

Molecular Weight	: 288.38
Molecular Formula	: $C_{12}H_{25}NaO_4S$



#### About Sodium dodecyl sulfate, 10% solution in water

Sodium dodecyl sulfate, SDS or sodium lauryl sulfate, is an anionic surfactant. As the name suggests, it is the sodium salt form of a 12-carbon tail attached to a polar sulfate head. The polar headgroup gives the compound its amphiphilic properties, making it an effective detergent in molecular biology, cosmetics, pharmaceutical research and industrial applications. GD0485 is a 10% solution in water, produced by Glentham Life Sciences.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Skin Irr. 2, Eye Dam. 1
Signal Word	Danger
Hazard Codes	H315, H318

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