

## Product Datasheet

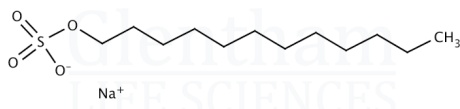
### GD8029 - Sodium dodecyl sulfate, 30% solution in water

#### Product Details

Product Name	Sodium dodecyl sulfate, 30% solution in water
Glenthams Code	GD8029
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

#### Structure

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



Hazard Codes	H315, H412, H302, H318
Precautionary Codes	P264, P280, P302+P352, P362+P364, P273, P270

#### Pictograms



#### Glenthams Product Specification

Physical Description	: Clear, colourless liquid
Concentration	: 29.0 - 31.0 % (w/v)
Suitable for molecular biology	: To conform
Version	: v1.0

#### About Sodium dodecyl sulfate, 30% 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. GD0990 is a 20% solution in water, produced by Glenthams Life Sciences.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Skin Irr. 2, Aquatic Chronic 3, Acute Tox. 4, Eye Dam. 1
Signal Word	Danger

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