

## Product Datasheet

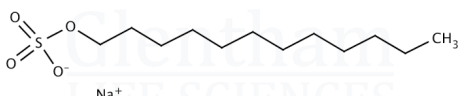
### GD2962 - Sodium dodecyl sulfate, 99%

#### Product Details

Product Name	Sodium dodecyl sulfate, 99%
Glentham Code	GD2962
CAS Number	151-21-3
EINECS	205-788-1
MDL Number	MFCD00036175
PubChem SID	310280061
Related Categories	Biochemicals, Detergents, Raw Materials (IVD), Ion-Pair Reagents, Reagents for Gel Electrophoresis of Proteins, Reagents for Western Blotting

#### Structure


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



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

CLP Classification	Aquatic Chronic 3, Skin Irr. 2, Eye Dam. 1, Acute Tox. 4, STOT SE 3, STOT SE 3, Flam. Sol. 2, Acute Tox. 4
Signal Word	Danger
Hazard Codes	H412, H315, H318, H332, H335, H336, H228, H302
Precautionary Codes	P273, P280, P302+P352, P210, P305+P351+P338, P261, P301+P312
Pictograms	
UN Number, Class, PG (RID)	UN1325 - 4.1 - PG III

#### Glentham Product Specification

Physical Description	: White powder
Assay (GC)	: ≥ 99.0%
Loss on Drying	: ≤ 1.0%
UV Absorbance (3% in water)	: 260nm: ≤ 0.1au : 280nm: ≤ 0.075au
Chloride (Cl)	: ≤ 100ppm
Version	: v1.0

#### About Sodium dodecyl sulfate, 99%

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. GD2962 is supplied as a fine white powder.