

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

Product Datasheet

GD0990 - Sodium dodecyl sulfate, 20% solution in water

Precautionary Codes

P302+P352, P305+P351+P338, P280,

Pictograms



Product Details

Product Name Sodium dodecyl sulfate, 20%

solution in water

 Glentham Code
 GD0990

 CAS Number
 151-21-3

 EINECS
 205-788-1

MDL-Nummer MFCD00036175

Related Categories Detergents, Reagents for Gel

Electrophoresis of Proteins, Reagents for Western Blotting

Glentham Product Specification

Physical : Clear, colourless liquid

Description

Concentration : 19.0 - 21.0 % (w/v)

: To conform

Suitable for

molecular biology

Version : v1.0

Structure

Molecular Weight : 288.38

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

O CH₂

About Sodium dodecyl sulfate, 20% 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 Glentham Life Sciences.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, STOT SE 3,

Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Dam. 1

Signal Word Gefahr

Hazard Codes H315, H336, H335, H318

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