

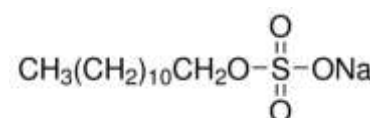


Product Specification

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SODIUM LAURYL SULPHATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	986680
SYNONYMS	(Sodium dodecyl sulphate)
C.I. NO.	--
CASR NO.	(151-21-3)
ATOMIC OR MOLECULAR FORMULA	$\text{CH}_3(\text{CH}_2)_{11}\text{OSO}_3\text{Na}$
ATOMIC OR MOLECULAR WEIGHT	288.38
PROPERTIES	Slight characteristic odour , Hygroscopic.



PARAMETER	LIMIT
Description	White powder.
Solubility	5% solution in water is clear and colourless.
Minimum Assay (After drying,two phase titration.)	99.0%
DNase & RNase	None detected.
Maximum absorbance (3% solution in water at 260 - 280nm)	< 0.3

MAXIMUM LIMIT OF IMPURITIES		
Chloride (Cl)		0.05%
Phosphate (PO ₄)		0.001%
Lead (Pb)		0.001%

Note(s) : 1) Assay (if applicable) method mentioned.

<p>DANGER</p> <p>Hazard statements :Flammable solid. Harmful if swallowed. Causes skin irritationCauses eye irritation. May cause allergic or asthmatic symptoms or breathingdifficulties if inhaled. May cause allergic skin reaction.</p> <p>Precautionary statements</p> <p>Prevention :Contaminated clothing should not be allowed out of the workplace. Washhands thoroughly after handling. Wash thoroughly after handling. Avoid breathingdust/fume/gas/mist/vapours/spray. In case of inadequate ventilation wear respiratoryprotection. Keep away from heat/sparks/open flame - No smoking. Wear protective glovesand eye/face protection. Use explosion-proof electrical/ventilating/lighting /equipment Donot eat, drink or smoke when using this product. Ground/bond container and receiving equipment.</p> <p>Response :If skin irritation or rash occurs, seek medical advice/attention. If skin irritation occurs, seek medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing minutes.Remove contact lenses , if present and easy to do. Continue rinsing. Remove/Take off immediately all contaminated clothing. Specific treatment: refer to Label or MSDS. Wash/Decontaminate removed clothing before reuse. Wash contaminated clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.</p>	<p>IMDG Code : 4.1/III</p> <p>UN No. : 1325</p> <p>IATA : 4.1</p>
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Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand.

Hazard Pictogram(s) :



GHS02



GHS07



GHS08