

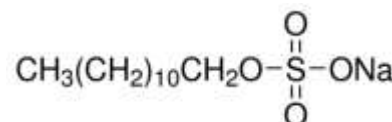


# Product Specification

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## SODIUM LAURYL SULPHATE AR FOR SDS ELECTROPHORESIS

PRODUCT CODE	644595
SYNONYMS	--
C.I. NO.	--
CASR NO.	(151-21-3)
ATOMIC OR MOLECULAR FORMULA	$C_{12}H_{25}NaO_4S$
ATOMIC OR MOLECULAR WEIGHT	288.38
PROPERTIES	Slight characteristic odour , Hygroscopic.



PARAMETER	LIMIT
Description	White powder.
Solubility	0.1M solution in water is clear to nearly clear and colourless
Minimum assay (After drying,two phase titration.)	99.0%
Maximum absorbance (3% soln in water at 220 - 350nm)	0.1
pH (1% aq. solution)	6.0-8.0

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 110°C)	1.0%
Water insoluble matter	0.003%
Chloride (Cl)	0.02%
Phosphate	0.0001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0002%

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

<p><b>HAZARD DANGER</b> Catches fire spontaneously if exposed to air. May be corrosive to metals. Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage.</p> <p><b>PRECAUTIONARY STATEMENTS</b> Prevention:Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not allow contact with air. Keep only in original container. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response:</b> IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Disposal: Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water .Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.</p>	IMDG Code : 4.1/III UN No. : 1325 IATA : 4.1
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**Disposal :** Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water .Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.

Hazard pictogram(s) :



Replace Date 17-Dec-2025