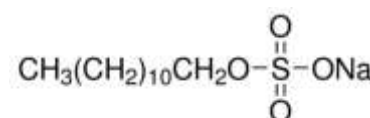


SODIUM LAURYL SULPHATE FOR MOLECULAR BIOLOGY

| | |
|------------------------------------|--|
| 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 | 0.1M solution in water is clear to nearly 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> |
|---|---|

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

Replace Date 14-Dec-2025