

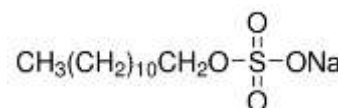


Product Specification

cdhfinechemical.com

SODIUM LAURYL SULPHATE (NEEDLE SHAPE)

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| PRODUCT CODE | 220030 |
| SYNONYMS | (Sodium dodecyl sulphate) |
| C.I. NO. | -- |
| CASR NO. | (151-21-3) |
| ATOMIC OR MOLECULAR FORMULA | CH ₃ (CH ₂) ₁₁ OSO ₃ Na |
| ATOMIC OR MOLECULAR WEIGHT | 288.38 |
| PROPERTIES | Slight characteristic odour , Hygroscopic. |



| PARAMETER | LIMIT |
|--|---|
| Description | A white/ almost white needles. |
| Solubility | 0.1 M solution in water is clear to nearly clear and colourless to slightly yellow. |
| Minimum Assay [as Sodium lauryl sulphates] | 90.0% |
| pH of (1% solution in water) | 7.5 – 10.5 |




| MAXIMUM LIMIT OF IMPURITIES | |
|-----------------------------|------|
| Loss on drying | 5.0% |
| Sodium chloride | 0.5% |
| Sodium sulphate | 4.0% |

**Note(s) : 1] Assay (if applicable) method mentioned.
2] A variable mixture of sodium D-lactate and sodium L-lactate.**

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| DANGER Hazard statements : Flammable solid. Harmful if swallowed. Causes skinirritationCauses eye irritation. May cause allergic or asthmatic symptoms or breathingdifficulties if inhaled. May cause allergic skin reaction. Precautionary statements 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. Response : If skin irritation or rash occurs, seek medical advice/attention. If skin irritationoccurs, seek medical advice/attention. If experiencing respiratory symptoms call aPOISON CENTER or doctor/physician. IF INHALED: If breathing is difficult, remove tofresh 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. | IMDG Code : 4.1/III UN No. : 1325 IATA : 4.1 |
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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) :

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|  GHS02 |  GHS07 |  GHS08 |
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Replace date 27-May-2023