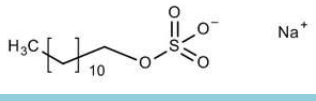
SODIUM LAURYL SULPHATE
MEETS TO IP TESTING SPECIFICATION

PRODUCT CODE	**P63780**
SYNONYMS	**--**
C.I. NO.	**--**
CASR NO.	**(151-21-3)**
ATOMIC OR MOLECULAR FORMULA	**$C_{12}H_{25}SO_4Na$**
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
Identification 'A' (by IR)	The spectrum of the sample should be concordant with spectrum of Sodium lauryl sulphate IPRS or with the reference spectrum of Sodium lauryl sulphate
Identification 'B'	The dichloromethane layer should be intensely blue
Identification 'C'	A white, crystalline precipitate should be produced
Identification 'D'	It should give reaction B of sodium salts
Minimum assay (After drying, two phase titration.)	85.0%
MAXIMUM LIMIT OF IMPURITIES	
Alkalinity	Not more than 0.5 ml of 0.1 M hydrochloric acid should be required to change the colour of the solution
Non-esterified alcohols	4.0 %
Sodium chloride and Sodium sulphate	NMT a total of 8.0%

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

HAZARD DANGER 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.

PRECAUTIONARY STATEMENTS

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.

Response: 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 beforedisposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.

IMDG Code : 4.1/III
UN No. : 1325
IATA : 4.1

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Hazard pictogram(s) :

