



**DOLPHIN
CHEMICALS**
— INDIA LIMITED —

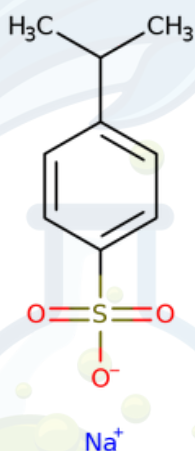
TECHNICAL DATA SHEET

SODIUM CUMENE SULFONATE - 40%

(SCSDOL-40)

CAS No : 28348-53-0

- **Structural Formula :**



- **Description :**

Synonyms	: Sodium Cumene Sulfonate 40%
Chemical names	: Sodium 3-(propan-2-yl)benzenesulfonate
Chemical formula	: C ₉ H ₁₁ SO ₃ Na
Molecular Weight	: 222.24g/mol

- **Specifications :**

Appearance	: Clear to Lightly Yellow Liquid
Active %	: 39.00 - 41.00 %
Sodium Sulfate %	: NMT 2%
pH (2.5% Aq. Solution)	: 7.00 - 9.00

- **Applications :**

- a. **Household and Industrial Cleaners :**

- Hydrotrope :**

- In liquid detergents and cleaners, SCS acts as a hydrotrope to enhance the solubility of less water-soluble components (e.g., surfactants, fragrances, and oils) without altering their performance .

- Boosting detergent performance :**

- It stabilizes the formula, ensuring high concentrations of surfactants work efficiently.

- b. **Oil & Gas Industry :**

- Oil well stimulation :**

- Used to improve the penetration of cleaning agents into oil-bearing formations, enhancing the extraction process.

- Drilling fluids :**

- Used to improve the penetration of cleaning agents into oil-bearing formations, enhancing the extraction process.

- c. **Textile Industry :**

- Dye and printing processes :**

- It improves the wetting and dispersing properties in textile treatments, enhancing dye uptake and colour uniformity in fabrics.

- d. **Agriculture :**

- Adjuvant in pesticides and herbicides :**

- SCS is used as an additive in agricultural chemicals to improve the solubility and dispersion of active ingredients in aqueous solutions.

- **Storage and Handling :**

Store covered in a dry, well ventilated area. Keep container tightly closed when not in use. Prevent from freezing This product will crystallize at 7°C and may precipitate from solution during storage. Store material above 10°C (50°F).

- **Packing :**

50 kg Carboy
240 kg HDPE Drum
1150 kg IBC
Tanker load