



## Technical Data Sheet

Chemical name: Sodium sulfonate

CAS No.: 61789-86-4

Molecular formula: N/A

Molecular weight: 0

### Sodium sulfonate Properties

Items	Index	Test method
Appearance	Brown liquid	visual inspection
viscosity (100°C) , mm <sup>2</sup> /s	50-150	NB/SH/T 0870、ASTM D7042
TBN, mgKOH/g	395-420	SH/T 0251、ASTM D2896
Ca, %	14.5-16.5	NB/SH/T 0824、ASTM D4951
Sulfur, %	≥1.20	SH/T 0689、ASTM D5453
moisture, %	≤0.30	GB/T 260、ASTM D95
Chroma (dilution)	≤5.0	GB/T 6540、ASTM D1500
turbidity (20%) , NTU	≤30.00	NB/SH/T0982



# Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

mechanical impurities, %	≤0.08	GB/T 511
--------------------------	-------	----------

## Uses of Sodium sulfonate

1. Preparation of oil-soluble corrosion inhibitors and anti-rust oil compositions of petroleum calcium sulfonate: These products are widely used in metalworking oils (fluids), have good extreme pressure and rust resistance, and can be used as environmentally friendly extreme pressure agents to replace chlorinated paraffin.

2. Used as a cleaning dispersant for lubricating oils: Helps remove impurities in lubricating oils and maintains the cleanliness and dispersibility of lubricating oils.

3. Regulate various grades of internal combustion engine oils: Calcium petroleum sulfonate has excellent cleaning, rust resistance and thermal stability, and is widely used in various high-grade lubricating oils, especially in internal combustion engine oils.

4. Regulate anti-rust oil products: It can be used to regulate various grades of internal combustion engine oils and metalworking oils, generally used in combination with T103.

## Sodium sulfonate packaging

200kg/drum

## Storage

The storage, transportation, loading and unloading and use of the product shall be carried out in accordance with SH/T 0164 standard and the product safety data sheet.

This product is non-flammable, non-explosive and non-corrosive. The maximum storage temperature should not exceed 75°C; if stored for a long time, the maximum



# Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

---

temperature should not exceed 45°C. For product safety, user health and environmental precautions, please refer to the product safety data sheet.

Unilong Industry