

**PRODUCT TECHNICAL SPECIFICATION**  
**STW: 404/1**

**TRADE NAME**

**Sulforokanol L270/1**

**CHEMICAL NAME**

Sodium salt of fatty C12-C14 alcohol ether (2 EO) sulphate

**TECHNICAL REQUIREMENTS**

Appearance at 20 °C ..... liquid paste  
pH of 5% solution of active substance ..... 7.5÷10.5 (PN-EN 1262:2000)  
Active substance, % (m/m) ..... 70.0 ±2.0 (PN-ISO 2271:2000)  
Klett colour, Klett value ..... max 50 (MB-0033)  
Unsulphonated substances as  
active substance, % (m/m) ..... max 4.5 (MB-0006)  
Sodium sulphate (VI) as  
active substance, % (m/m) ..... max 2.0 (MB-0031)

**GENERAL DATA**

Molecular weight ..... approx. 384  
Solubility in water ..... good below 30% of active substance,  
forms rigid gel in concentrations of 30÷60%  
Other solvents ..... low aliphatic alcohols  
Density at 20 °C, g/ml ..... approx. 1.1  
Odour ..... odourless

**APPLICATION**

Anionic surfactant used as a component of cleaning, washing and cosmetic agents.

<b>PACKAGING</b>	Cisterns or tanker trucks made of acid resistant steel with heating elements, polyolefin containers or other packaging as agreed with the customer.
<b>STORAGE CONDITIONS</b>	Store in closed vessels made of acid resistant steel or other corrosion-resistant material fitted with heating elements and a mixer or a circulating pump, store in closed polyolefin containers. Maximum storage temperature of 50 °C. Copper and its alloys may cause colouring of the product. Guaranteed period of stability: 6 months from the date of manufacture. After the expiry of this period, the product can be used upon verifying the conformity of its parameters with the technical requirements. In case of non-conformity, application tests should be performed.
<b>TRANSPORT</b>	Limitations resulting from ADR, RID and IMDG regulations do not apply.
<b>HAZARD SYMBOL</b>	Irritant (Xi).
<b>R-PHRASES</b>	Irritating to eyes and skin (R 36/38).
<b>S-PHRASES</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S 26). After contact with skin, wash immediately with plenty of water (S 28). Wear suitable gloves and eye/face protection (S 37/39).
<b>NUMBER</b>	STW: 404/1 Sulforokanol L270/1
<b>DATE</b>	2005.11.07