

# PETRESUL<sup>®</sup> 550-Q

LINEAR ALKYL BENZENE SULFONIC ACID (LABSA)

## IDENTIFICATION

CAS number: 85536-14-7

EC number: 287-494-3

## DESCRIPTION

PETRESUL<sup>®</sup> 550-Q is a linear alkylbenzene sulfonic acid (LABSA).

Alkyl chain of 10 to 13 atoms (average 11,6). High phenyl isomer (25-30%). Detal technology.

## APPLICATION

PETRESUL<sup>®</sup> 550-Q (LABSA) is exclusively used in the production of anionic surfactants (LAS).

LAS is one of the major anionic surfactants used in the market for household detergents, such as laundry powders, laundry liquids, dishwashing products and all - purpose cleaners, as well as other minor applications in a wide range of different industries.

## TYPICAL PROPERTIES

Property	Unit	Value
Appearance		Viscous brown liquid
Odour		Sulphur dioxide
Klett color (5% A.M.)		20
Active matter (alkylbenzene sulfonic acid)	% (wt)	96,5
Unulfonated organic matter (Free oil)	% (wt)	1,8
Free sulphuric acid	% (wt)	1,1
Average molecular weight	g/mol	321
Water	% (wt)	0,5
Viscosity @ 25°C	cP	1350
Density @ 25°C	g/ml	1,075
Pour point	°C	-12
Total acidity	mg KOH/g	183



### STANDARD PACKAGING

Available in trucks, isotanks, IBCs and drums.

### STORAGE AND HANDLING

Store in accordance with local regulations away from direct sunlight.

Recommended storage temp: 30-40°C. At lower temperatures, its viscosity can lead to pumping problems.

Tank material: Stainless steel 316. Carbon steel with coatings.

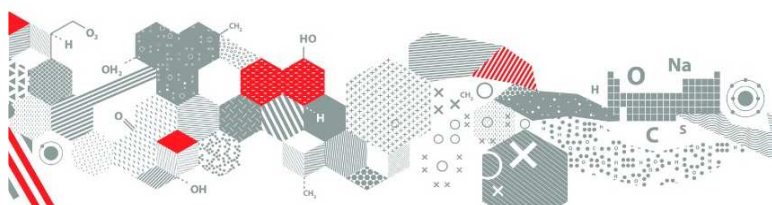
SO<sub>3</sub> gases can accumulate in storage tanks.

Storage should not exceed six months from the manufacturing date

For more information, see Safety Data Sheet.

### HEALTH AND SAFETY

The product is classified as hazardous for health and the environment. Put on appropriate personal protective equipment according to the safety data sheet. Use wear gloves, eye and face protection for safe use of the product. Avoid release to the environment. See more details regarding the precautionary statements on safe use, storage and disposal in the safety data sheet.



*For more info, please contact us:*

**[techsupport@cepsa.com](mailto:techsupport@cepsa.com)**

Cepsa Quimica S.A.  
Torre Cepsa. Paseo de la Castellana 259 A  
28046 Madrid (Spain)