


Technical Data Sheet

Basic information

Chemical name	Linear Alkyl Benzene Sulphonic Acid	Formula	C18H30O3S
Synonyms	Dodecylbenzenesulphonic acid	Chemical structure	
CAS.No.	27176-87-0		
EINECS No.	204-489-3		
Molecular weight	326.49		

Physical properties

Appearance	Brown viscous liquid
Density,20°C, g/cm ³	1.06
Boiling point,°C	82
Melting point,°C	10
Flash point,° F	85
Refractive index	n ₂₀ /D 1.51
Solubility	Soluble in water, alcohols, glycol ethers, glycols, esters, ketones, aromatic and aliphatic hydrocarbons

Specification

Items	Specification
Appearance	Brown viscous liquid
Active matter content,%	96 Min
Free oil content,%	2.0 max
Sulfuric acid,%	1.5 max
Color, Hazen (50g/L water solution)	60 max

Application

As main active matter ,it is widely used in detergents powder and dish wash cleaners,such as washing powder, detergent powder, liquid soap, cleaning powder, oil soaps ,toilet soap.

Due to its high active matter, miscibility with water and low salt content, it is also used in numerous industrial applications like as a coupling agent and as an emulsifier for agricultural herbicides and Pesticides.

Package

215kg/drum, 17.2mt per 20'ft;



Safety on transportation

It belongs to class 8 hazardous goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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