

Technical Data Sheet

Version: 2.0
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Date: 18 / 6 / 2026



Item Name:

LABSA

PRODUCT INFORMATION

Chinese Name:	十二烷基苯磺酸
Commodity Name:	LABSA
Chemical Name:	Linear Alkyl Benzene Sulphonic Acid
Other Name:	Dodecyl Benzene Sulphonic Acid
CAS No.:	68584-22-5 / 27176-87-0 / 85536-14-7
Molecular Weight:	326.49
Molecular Formula:	$C_{18}H_{30}O_3S$
DG class:	8.1

PRODUCT DESCRIPTION

LABSA 96% for detergent.

The product has the action of detergency, moistening, foaming, emulsion, dispersion and brown viscous fluid in appearance with acidity. It is non-flammable, quickly dissolved in water, not dissolved in normal organic solvent. The product has strong absorbency. It would be unclear viscous liquid after absorbed water.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Brown viscous liquid
Active content by wt %	96 min
Free oil by wt %	1.5 max
Sulfuric acid by wt %	1.5 max
Color (Klett) hazen (50g/L water sol.)	35 max
Viscosity (25°C) by cps	1500 min

MAIN APPLICATION

Hair shampoo, bath shampoo, dish detergents and complex soap, laundry powder, dishware cleaner in daily chemical industrial.
Wetting and clearer, dyeing assistant in textile industry.
Degrease agent in electroplate and leather manufacture.
De-inking agent in paper making.

PACKING, LOADING AND SHELF LIFE

Packing: 215kg plastic drum, 1050kg IBC
Loading: 80 drums (17.2mt/ 20'fcl), IBC (21mt/ 20'fcl or 25.2 - 27.3mt/40'fcl)
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.

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PRODUCT IMAGE



Brown Viscous Liquid Pic

* The image shown here is indicative only. The actual product may differ.

PACKING, STORAGE AND LOADING



* 1000kg IBC



* Loading Pic

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