

SURFONIC® L24-7

DESCRIPTION

SURFONIC® L24-7 is a polyoxyethylene (7) lauryl alcohol ether

PHYSICAL PROPERTIES¹

Appearance (30°C)	Clear/Hazy Liquid
Active Content, wt%	100%
Moles of EO	7
Hydroxyl Number	117 mgKOH/g
Cloud Point*	51°C
HLB	11.9
Flash Point (Closed cup)	190°C
Melting Point	15°C
Pour Point	16°C
pH (1 wt% IPA:Water 10:6, 20°C)	7.3
Viscosity (25°C)	48 cSt
Density (25°C)	0.9824 g/mL
Boiling Point	100°C
Relative Vapor Pressure	< 0.00001 Torr (25°C)
Color (Pt-Co, 20°C)	50 (max)
Water Content	≤ 0.2 wt%
Solubility	Soluble in Water at 20°C
Equilibrium Surface Tension	28 mN/m (0.1%, 25°C)
Avg. Molecular Weight	487 g/mol
Critical Micelle Concentration (25°C)	16 mg/L

CHARACTERISTICS AND BENEFITS

- Versatile surfactant for oil in water emulsification
- Water soluble
- Excellent detergent properties
- Compatible with cationic, anionic and other nonionic surfactants

STORAGE AND HANDLING

Satisfactorily store in carbon steel tanks using steel pipes and pumps. Caution must be exercised to keep the material in the anhydrous state to prevent severe corrosion to the carbon steel tank and related equipment. A drier on the breathing nozzle is recommended to help maintain anhydrous conditions in the storage tank.

SHELF LIFE

24 Months from manufacturing date

STANDARD PACKAGING

Drums (430 lbs, 195 kg)	Bulk
Totes (metric ton)	

*1 wt% in aqueous solution

ADDITIONAL INFORMATION

Sourcing	Oleo/Synthetic
Percent Renewable Content	41%
INCI Name	Laureth-7
NF Compliant	No
FCC Compliant	No
RSPO (Mass Balance)	Available
Listed on CleanGredients® ³	Yes
Kosher/Halal Compliant	No
US Production	Yes

REGULATORY

CAS Registry No. ²	68551-12-2
USA (TSCA)	Listed
Canada (DSL)	Listed
US DOT	Not classified
US EPA Inert Ingredient	40 CFR 180.910
US EPA Inert Ingredient	40 CFR 180.930
UP EPA Inert Ingredient	40 CFR 180.940(a)

¹The physical properties described in the table are only for informational purposes and may be changed without notice. Please contact Indorama for updated data. ²Chemical Abstracts Service.

³For more information, please visit Indorama's product listings on the CleanGredients® database (www.cleangredients.com)400041002038-v00

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