

ALKONAT® L 50

DESCRIPTION

ALKONAT® L 50 is a polyoxyethylene (5) lauryl alcohol ether

PHYSICAL PROPERTIES¹

Appearance (25°C)	Clear/Hazy Liquid
Active Content, wt%	100%
Moles of EO	5
Hydroxyl Number	136 mgKOH/g
Cloud Point*	70°C
HLB	10.8
Flash Point (Open cup)	190°C
Melting Point	6°C
pH (1 wt% aqueous, 25°C)	7.0
Viscosity (25°C)	31 cP
Density (25°C)	0.985 g/mL
Boiling Point	> 200°C
Color (Pt-Co, 70°C)	50 (max)
Water Content	≤ 0.5%
Solubility	Soluble in water at 25°C

*20 wt.% in a 25 wt% BDG aqueous solution

ADDITIONAL INFORMATION

Sourcing	Oleo/Synthetic
Percent Renewable Content	46%
INCI Name	Laureth-5
NF Compliant	No
FCC Compliant	No
RSPO (Mass Balance)	Available
US Production	Yes

CHARACTERISTICS AND BENEFITS

- Versatile surfactant for a wide variety of applications
- Excellent emulsifier
- Bio-based surfactant
- Compatible with cationic, anionic and other nonionic surfactants

STORAGE AND HANDLING

Store in a covered, well-ventilated area, away from sunlight and away from sources of heat or open flame. Ensure that the storage locale has adequate control of temperature, pressure, and humidity. Keep the containers hermetically sealed when not in use. For more information, consult the Safety Data Sheet (SDS).

SHELF LIFE

24 Months from manufacturing date

STANDARD PACKAGING

Drums (441 lbs, 200 kg)	Bulk
Totes (metric ton)	Samples

REGULATORY

CAS Registry No. ²	68551-12-2
USA (TSCA)	Listed
Canada (DSL)	Listed
Australia (AICS)	Listed
China (IECSC)	Listed
Korea (ECL)	Listed
New Zealand (NZIoC)	Listed
Philippines (PICCS)	Listed
EU (EINECS)	Listed
EU (ELINCS)	Listed
US DOT	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 Oxiteno for updated data. ²Chemical Abstracts Service.A2134-v1

DISCLAIMER

This information is given in good faith, based on Oxiteno's current knowledge on the subject, and is purely indicative. Any information, including suggestions for using the products, should not preclude experimental testing and verification, which are essential to ensure the suitability of the products to each specific application. All users shall also abide by local laws and obtain all necessary permits. When handling the product, consult the safety data sheet. In case of questions or additional needs, please contact Oxiteno through our customer service channels.

COMMERCIAL OFFICES

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