

ALKOSYNT® IT 80

DESCRIPTION

ALKOSYNT® IT 80 is a polyoxyethylene (8) isotridecyl alcohol ether

PHYSICAL PROPERTIES¹

Appearance (25°C)	Hazy Liquid
Active Content, wt%	100%
Moles of EO	8
Hydroxyl Number	102 mgKOH/g
Cloud Point*	44°C
HLB	12.8
Flash Point (Open cup)	195°C
Melting Point	15°C
Pour Point	9°C
pH (5 wt% aqueous, 25°C)	7
Viscosity (25°C)	70 cP
Density (25°C)	1.090 g/mL
Color (Pt-Co, 25°C)	80 (max)
Water Content	≤ 0.5 wt.%
Solubility	Water soluble at 25°C
Equilibrium Surface Tension	27 mN/m (0.5 wt%, 20°C (68
Acid Value	≤ 0.5 mgKOH/g

*1 wt% in aqueous solution

ADDITIONAL INFORMATION

Sourcing	Synthetic
Percent Renewable Content	0%
INCI Name	Not applicable
US Production	Yes

CHARACTERISTICS AND BENEFITS

- Versatile surfactant for oil in water emulsification
- Water soluble alternative to nonylphenol ethoxylates
- Excellent detergent properties
- Nonionic biodegradable surfactants, water soluble, has relatively low foaming levels and does not precipitate in the presence of hard water ions.

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	78330-21-9
USA (TSCA)	Listed
Canada (DSL)	Listed
Australia (AICS)	Listed
China (IECSC)	Listed
Korea (ECL)	Listed
New Zealand (NZIoC)	Listed
Philippines (PICCS)	Listed
EU (EINECS)	Not listed
EU (ELINCS)	Not 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

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.A1605

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

Brazil	Colombia	Argentina	Mexico	United States
+55 11 3177 6102	+57 11 555 0070	+54 11 4115 5600	+52 55 5322 0560	+1 346 718 6200
oxiteno@oxiteno.com	oxiteno.colombia@oxiteno.com	oxiteno.argentina@oxiteno.com	oxiteno.mexico@oxiteno.com	oxiteno.usa@oxiteno.com