



Licowax KSL flakes

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Ester of montanic acids with multifunctional alcohols

Product-No.: 105203 CAS-No.: Version: 5

Product Description

Ester of montanic acids with multifunctional alcohols

Delivery specifications and (*) general properties

Characteristics	Unit	Target value	Test method
Appearance		yellowish flakes	QM-AA-634
Acid value	[mg KOH/g]	28 - 33	ISO 2114
Saponification value	[mg KOH/g]	134 - 167	ISO 3681
Drop point	[°C]	79 - 85	ISO 2176
*Viscosity	[mPa·s]	~ 30	DIN 53019, at 100°C
*Density (23°C)	[g/cm ³]	~ 1,01	ISO 1183

Delivery form

Flakes

Packaging

Polyethylene bag 20 kg
Pallet 1000 kg (50 bags)

Storage

For best shelf life store this product in a dry area at normal ambient temperatures.
Minimum shelf life is 2 years from the date of shipping when properly stored.

Hazards

Main applications

Nonionic dry-bright emulsions for polish applications with good self shine and excellent leveling properties.

Status under food legislation

EU: All components listed in Annex I, Table 1 of Commission Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food.
FDA: 21 CFR §§ 178.3770 (a), (c), 172.210 (b), 176.170, 176.180
Declarations regarding the requirements and specifications of several regulations and standards are available including: Directive 2011/65/EU (RoHS), CONEG's "toxics in packaging", EN 71-3 ("safety of toys – migration of certain elements"), Directive 94/62/EC ("packaging and packaging waste").
For further information please contact your Clariant representative.

Ecological and toxicological properties

The product does not require a hazard warning label according to the German federal regulations of hazardous substances (GefStoffV).
For further information please refer to the material safety data sheet.

Acute oral toxicity LD50: >2000 mg/kg (rat)
Biol. degradability OECD 301D: 54%
Fish toxicity LC50: >10 g/l (96h)

For all specifications, deliveries and services the following applies:
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