CLARIANT

Business Unit Additives

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Product Data Sheet - Waxes

Licowax LP flakes

Acid wax

Product-No.:	105204	CAS-No.:	Version:	5

Product Description

Acid wax

Delivery specifications and (*) general properties

Characteristics	Unit	Target value	Test method	
Appearance		yellowish flakes	QM-AA-634	
Acid value	[mg KOH/g]	113 - 130	ISO 2114	
Saponification value	[mg KOH/g]	140 - 170	ISO 3681	
Drop point	[°C]	82 - 89	ISO 2176	
*Viscosity	[mPa·s]	~ 20	DIN 53019 at 100°C	
*Density (23°C)	[g/cm ³]	~ 1,01	ISO 1183	

Delivery form

Main applications

Hard acid wax for anionic emulsions for polish and industrial applications.

Packaging

Flakes

Polyethylene bag 20 kg Pallet 1000 kg (50 bags)

Storage

Hazards

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.

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 (no SML). 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

Acute oral toxicity LD50: >15000 mg/kg (rat)

German federal regulations of hazardous substances (GefStoffV). For further information please refer to the material safety data sheet.

Fish toxicity LC50: >10000 mg/l (96h)

For all specifications, deliveries and services the following applies: $\underline{\text{Disclaimer}}$

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http://www.clariant.com

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