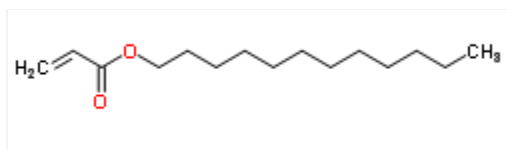


Product Data Sheet

General Information

PHOTOMER® 4812 is a mono functional acrylate monomer, used as flexibilizing agent in coatings and inks. It will also increase water resistance properties due to its hydrocarbon backbone.

Chemical Data



Chemical Name	: lauryl acrylate
Molecular weight	: 240 g/mol
CAS No.	: 2156-97-0
EC No.	: 218-463-4

Specification

Appearance	BCM 060	Limpid liquid
Colour (APHA)	ISO 6271	≤ 200
Acid Value	NF EN ISO 660	≤ 0.1 mg KOH/g
Moisture content	Karl Fischer, ISO 4317	≤ 0.1 %
Inhibitor Content		≤ 300 ppm

Additional Typical Properties

Viscosity @ 25 °C	Brookfield, ISO 2555	2 - 11 mPa.s
Purity (ester content)		≥ 95 %

Features and Benefits

PHOTOMER® 4812 has high renewable content of ca 77 %, making it suitable for biobased or sustainable formulations.

Storage & Handling

Storage must be in a cool, shaded, well ventilated and dry area away from direct sources of heat and sunlight. PHOTOMER® 4812 may congeal or stratify if cold. Allow to warm to room temperature and mix well before using.

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 12 months.

PHOTOMER® 4812 should be handled in accordance with good industrial practice. Further information is provided in the material safety data sheet which is available on request.

Regulatory Status

TSCA (USA), EINECS (Europe), DSL (Canada), AICS (Australia), ECL (Korea), NZIoC (New Zealand), ENCS (Japan), IECSC (China), PICCS (Philippines), Taiwan

Packaging

Photomer® 4812 is available in 200 L drums.

Disclaimer

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