

# Valeric Acid Pro 100

Valeric Acid with 100% renewable content

## Product Description

Valeric Acid Pro 100 is a renewable-based Carboxylic Acid ready to be dropped into existing formulations. Based on a traceable mass balance concept applying chemical and physical traceability, this Pro-Environment product is designed to reduce the carbon footprint throughout the value chain and to support sustainable sourcing of renewable and recycled raw materials.

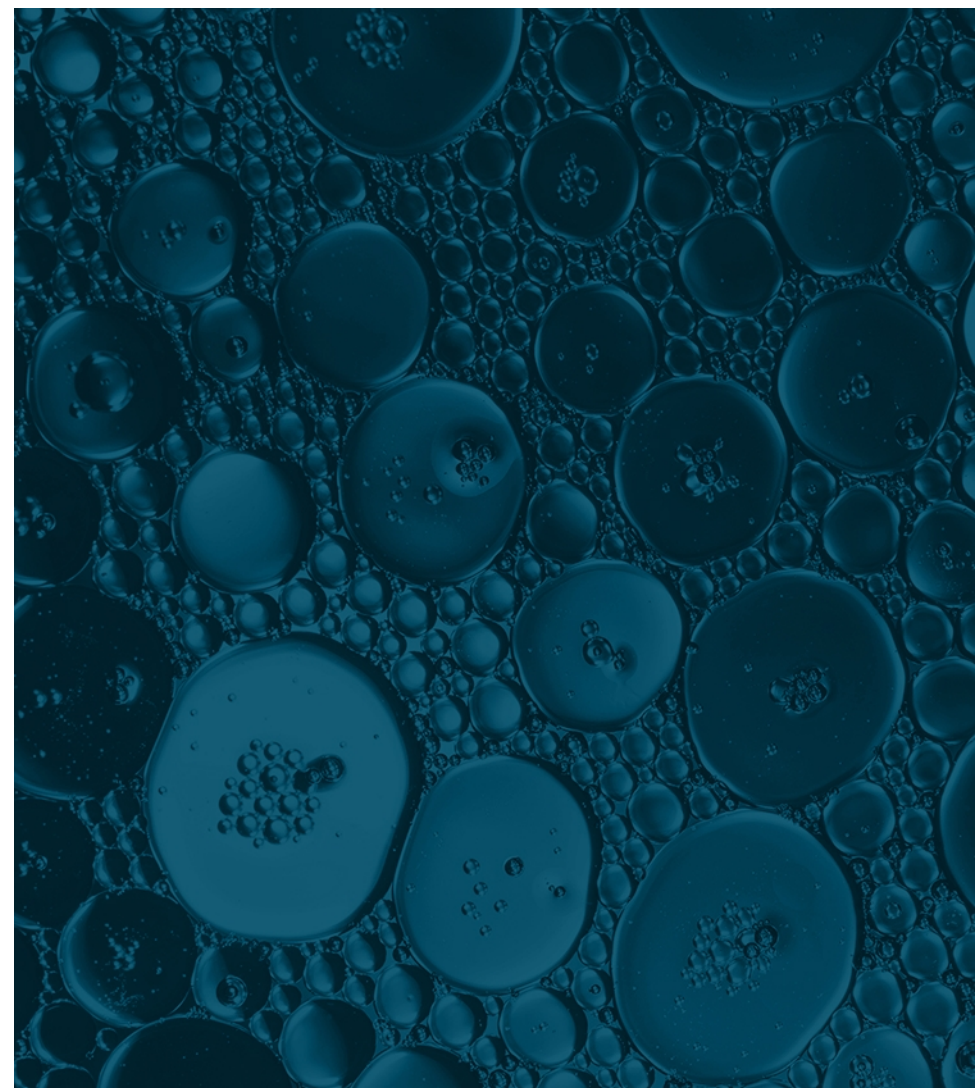
Valeric Acid Pro 100 is based on 100% renewable carbon content and carries the ISCC PLUS certification for traceable mass balance and the calculation of the product's greenhouse gas value. This third party certification also ensures that the sustainable raw materials used are sourced responsibly and sustainably from cradle to gate.

## Segment Applications

Chemical intermediate used as esters for synthetic lubricants in applications such as aviation and refrigeration. Also used for pharmaceutical applications.

## Delivery Forms

Bulk (Iso tanks)



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## Sales Specification

Characteristics	Unit	Specification	Analytical Method
n-Valeric Acid (water free)	%	Min. 98.5	ISO 2718
Aldehydes	%	Max. 0.3	ISO 2718
Water	wt.%	Max. 0.1	ASTM E 1064
Color	Hazen	Max. 25	ISO 2211 / ASTM D1209

### Pro-Environment Information

Renewable carbon content is 100% based on mass balance concept.

PCF\* Including Biogenic CO<sub>2</sub> Uptake -0.9 kg CO<sub>2</sub>eq/kg product  
Biogenic CO<sub>2</sub> Uptake: 2.2 kg CO<sub>2</sub>/kg product

\*Cradle-to-Gate value

All PCF values are calculated based on ISCC, Together for Sustainability, and GHG protocol methodology. The PCF value stated above is updated on a yearly basis, actual values may differ over the year and are stated in the sustainability declaration document. This product is ISCC PLUS certified.

### Handling and Storage

Handle and store only under strictly controlled conditions in accordance with Regulation (EC) No. 1907/2006, Art. 18 (4). For details, please see the safety data sheet.

### Regulatory Information

The substance is EU Reach registered as a transported isolated intermediate that requires handling according to strictly controlled conditions.

HS No.: 2915 60  
CAS No.: 109-52-4  
EC No.: 203-677-2  
EU Reach registration No.: 01-2119448010-56-0002



Effective date: March 20, 2024

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