

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 traceable mass balance concept.

PCF* Including Biogenic CO₂ Uptake: -0.9 kg CO₂eq/kg product
Biogenic CO₂ Uptake: 2.2 kg CO₂/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.

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



Effective date: July 5, 2023

USERS ARE ADVISED TO MAKE THEIR OWN INDEPENDENT DETERMINATION OF THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE. EXCEPT FOR WHAT IS STATED IN PERSTORP'S GENERAL CONDITIONS OF SALE OR SEPARATELY IN A WRITTEN CONTRACT WITH PERSTORP, NO INFORMATION PROVIDED IN THIS DATA SHEET CONSTITUTES A WARRANTY (EXPRESS OR IMPLIED) BY PERSTORP, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.