

# Valeric Acid Pro

## Valeric Acid with 20% renewable content

### Product Description

Valeric Acid Pro is a Pro-Environment Carboxylic Acid ready to be dropped into existing formulations. Based on mass balance concept, it is a partly renewable Valeric Acid designed to reduce the carbon footprint and supports sustainable sourcing of renewable raw material. Valeric Acid Pro is third party certified according to the ISCC system which means we have both traceability back to the country of origin ensuring the biomass was sourced in a sustainable way as well as a certified mass balance and greenhouse gas (GHG) calculation.

Perstorp offers Valeric Acid Pro based on 20% renewable resources.

### Segment Applications

Aviation lubricants, Refrigeration lubricants and other esters for synthetic lubricants.

### Delivery Forms

Liquid in bulk containers.



**Valeric Acid Pro** is a next generation high purity carboxylic acid designed to reduce the carbon footprint and supports sustainable sourcing of renewable raw material. We want Valeric Acid Pro to be a Pro-Environment Acid that benefits us all.

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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 content is 20% based on mass balance concept.

Calculated GHG values:

Cradle to Gate: 1.4 kg CO<sub>2</sub> eq/kg Valeric Acid Pro

Cradle to Grave: 3.1 kg CO<sub>2</sub> eq/kg Valeric Acid Pro

Cradle to Grave is calculated as Cradle to Perstorp gate + end of life assuming all carbon is converted to CO<sub>2</sub>.

ISCC PLUS certified product.

### Handling and Storage

Handle as close as possible to strictly controlled conditions (meaning no exposure). Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not smoke. Vapors may form explosive mixture with air.

For safe storage, keep containers tightly closed in a cool, well-ventilated place. Store segregated from: Acids, Bases.

CAS No.: 109-52-4

HS No.: 2915 60

EC (EINECS) No.: 203-677-2



Effective date: August 19, 2020

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