

Valeric Acid Pro 20

Valeric Acid with 20% renewable content

Product Description

Valeric Acid Pro 20 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 20 is based on 20% renewable carbon content and carries the ISCC PLUS certification for the 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

Aviation lubricants, Refrigeration lubricants and other esters for synthetic lubricants

Delivery Forms

Liquid in bulk containers



Valeric Acid Pro 20 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 20 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 carbon content is 20% based on mass balance concept.
Calculated GHG values*:

Cradle to Gate: 1.6 kg CO₂ eq/kg Valeric Acid Pro

Cradle to Grave: 3.3 kg CO₂ eq/kg Valeric Acid Pro

Cradle to Grave is calculated as Cradle to Perstorp gate + end of life assuming all carbon is converted to CO₂.

ISCC PLUS certified product.

**Above stated GHG values are updated on a yearly basis and should be seen as guiding values. Actual values may differ over the year and are stated in the Sustainability declaration document*

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: June 10, 2022

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.