

N-Butyraldehyde Pro 25

N-Bal with 25% renewable carbon content

Product Description

N-Butyraldehyde Pro is a renewable drop-in replacement for N-Butyraldehyde, ready to be used in existing formulations. Based on a traceable mass balance concept, 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.

N-Butyraldehyde has 25% renewable carbon content and carries the ISCC PLUS certification.

Segment Applications

PVB (Polyvinyl Butyral) interlayer film for laminated safety glass.

Delivery Forms

Liquid in bulk containers.



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Sales Specification

Characteristics	Unit	Specification	Analytical Method
Color	%	Max. 15	ISO2211 / ASTM D1209
Purity (as water free)	%	Min. 99.0	GC
Water content	wt.%	0.8-1.5	GC
Acidity (as butyric acid)	wt.%	Max. 0.5	ISO 2718

General Characteristics

Characteristics	Unit	Typical Value ¹
Appearance		Clear colorless liquid

1. Typical values are for information only and not part of sales specification

Pro-Environment Information

Renewable carbon content is 25% based on mass balance concept.

PCF* Including Biogenic CO₂ Uptake: 0.7 kg CO₂eq/kg product
Biogenic CO₂ Uptake: 0.6 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

Store under inert atmosphere, e.g. nitrogen pad. Keep in a cool place. Handle only under strictly controlled conditions (meaning no exposure). Comply with the legislation concerning equipment and protective systems intended for use in potentially explosive atmospheres. Keep away from sources of ignition - No smoking. Take action to prevent static discharges.

HS No.: 2912 19
CAS No.: 123-72-8
REACH registration No.: 01-2119488889-07-0000



Effective date: March 20, 2024

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.