

Voxtar™ M40

Product Description

Voxtar™ M40 is a renewable-based Pentaerythritol 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.

Voxtar™ M40 is based on 40% 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.

To see our full range of Pro-Environment products, visit our website.

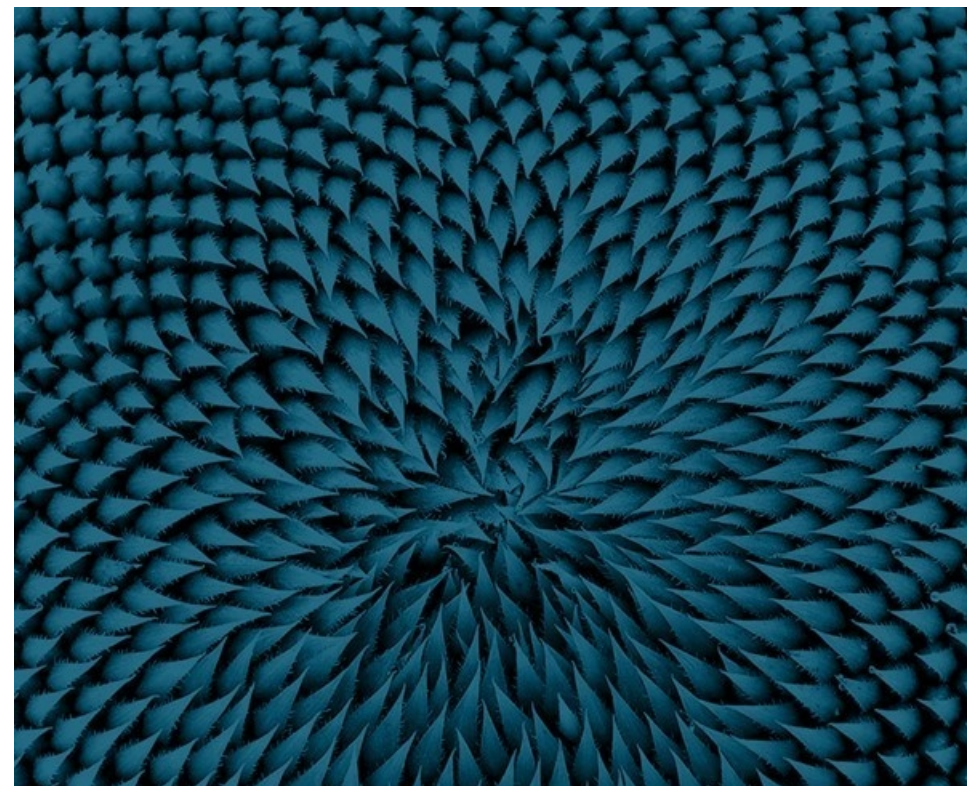
Segment Applications

Alkyd resins, Antioxidants, Radiation curing, Rosin esters and Synthetic lubricants.

Delivery Forms

25 kg bags, 1000 kg/pallet

Type C bag 500kg



Voxtar™ was launched in 2010 as the world's first renewable pentaerythritol. A true frontrunner which started our journey into a now extensive portfolio of Pro-Environment products. Voxtar™ is the sustainable choice to meet the changing needs of your customers, your business, and the planet.

Voxtar™ M40

Sales Specification

Characteristics	Unit	Specification	Analytical Method ¹	Comment
Monopentaerythritol content	%	Min. 98.0	PO 115-2	
Hydroxyl number	mg KOH/g	1625-1650	PO 100-2	2
Ash content (as Na or Ca)	ppm	Max. 15	PO 103-10	

1. Internal analytical methods are available on request

2. As OH-percentage, 49.2-50.0%

General Characteristics

Characteristics	Unit	Typical Value ¹
Water content	%	0.1
Phthalic color	Gardner	1
Melting point (final)	°C	263

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

Pro-Environment Information

Renewable carbon content is 40% based on mass balance concept.

Calculated PCF* values for Voxtar™ M40 from site Perstorp, Sweden:

PCF* Including Biogenic CO₂ Uptake: 0.5 kg CO₂eq/kg product

Biogenic CO₂ Uptake: 0.6 kg CO₂/kg product

Calculated PCF* values for Voxtar™ M40 from site Bruchhausen, Germany:

PCF* Including Biogenic CO₂ Uptake: 1.7 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

Voxtar™ M40 is a non-hygroscopic product. However, it should be stored under dry conditions, in sealed bags, and protected from direct sunlight

HS No.: 2905 42

CAS No.: 115-77-5

EC (EINECS) no.: 204-104-9

REACH registration No.: 01-2119473985-20-XXXX



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.