

Evyron™ T50 flakes

Product Description

Evyron™ T50 flakes is a renewable-based Trimethylolpropane ready to be dropped into existing formulations. Based on a traceable mass balance concept applying chemical and physical traceability, the 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.

Evyron™ T50 flakes is based on 50% renewable carbon content and carries the ISCC PLUS certification which includes calculations for the mass balance and greenhouse gas values. This third party certification also ensures that the sustainable raw materials used are sourced responsibly and sustainably from cradle to gate.

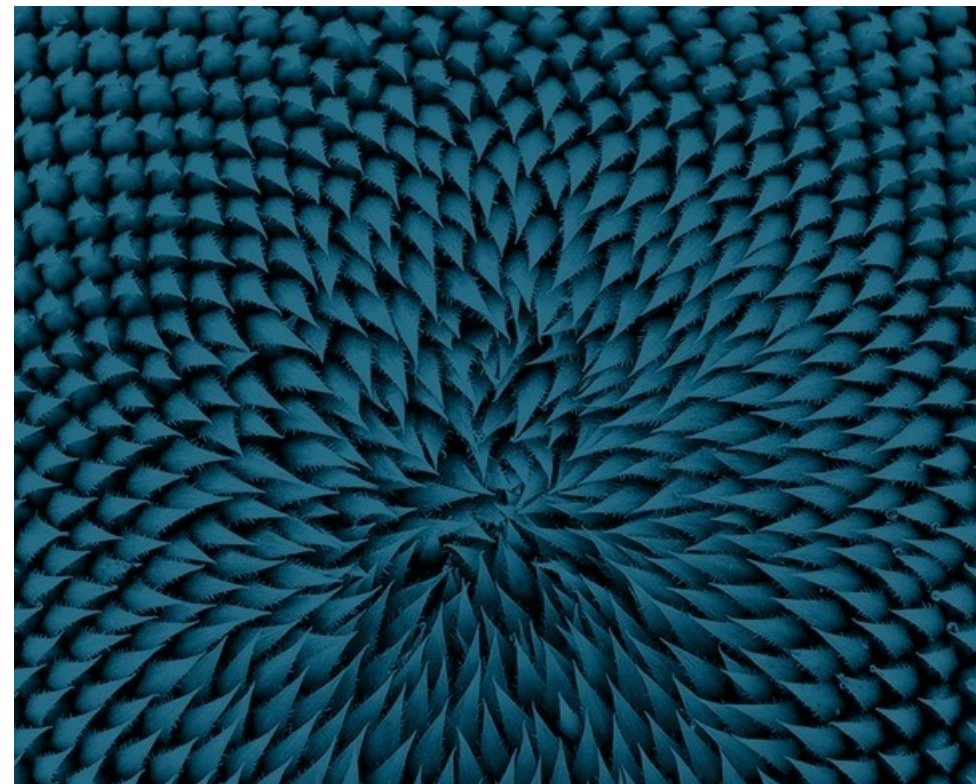
Segment Applications

Alkyd resins, Aviation turbine oils, Liquid polyesters, Polyurethane resins, Powder Polyesters, Radiation curing and Synthetic lubricants esters.

Delivery Forms

25 kg bags (standard PE or antistatic) delivered as 500, 750, or 1000 kg pallets

500 kg big bags (type A or type C)



Evyron™ evokes both *environment* and *everyone*. The name is a fusion of what matters most to our survival; it is about how people (everyone) and the environment will interact in the future. We want Evyron™ (part-renewable TMP) to be a Pro-Environment Polyol that benefits us all.

Evyron™ T50 flakes

Sales Specification

Characteristics	Unit	Specification	Analytical Method ¹	Comment
Hydroxyl number	mg KOH/g	1238-1260	PO 100-4	2
Melting point (final)	°C	Min. 57	PO 102-2	
Ash content (as sodium)	ppm	Max. 10	PO 103-10	
Water content	%	Max. 0.10	PO 109-2	3

1. Internal analytical methods are available on request

2. As OH-percentage, 37.5-38.2%

3. As packaged

General Characteristics

Characteristics	Unit	Typical Value ¹
Acidity (as formic acid)	ppm	5
Color as fuse	APHA	15

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

Pro-Environment Information

Renewable carbon content is 50% based on mass balance concept.

PCF* Including Biogenic CO₂ Uptake: 0.3 kg CO₂eq/kg product
Biogenic CO₂ Uptake: 1.0 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

Evyron™ T50 is hygroscopic and should be handled to prevent moisture absorption. Store Evyron™ T50 flakes in its original packaging at low temperature, preferably below 30°C, to avoid cake formation. Do not exceed 50°C. Stacking pallets during storage could increase the risk of caking.

HS No.: 2905 41

CAS No.: 77-99-6

REACH registration No.: 01-2119486799-10-0005



Effective date: March 21, 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.