

# Evyron™ T50 molten

## Product Description

Evyron™ T50 molten 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.

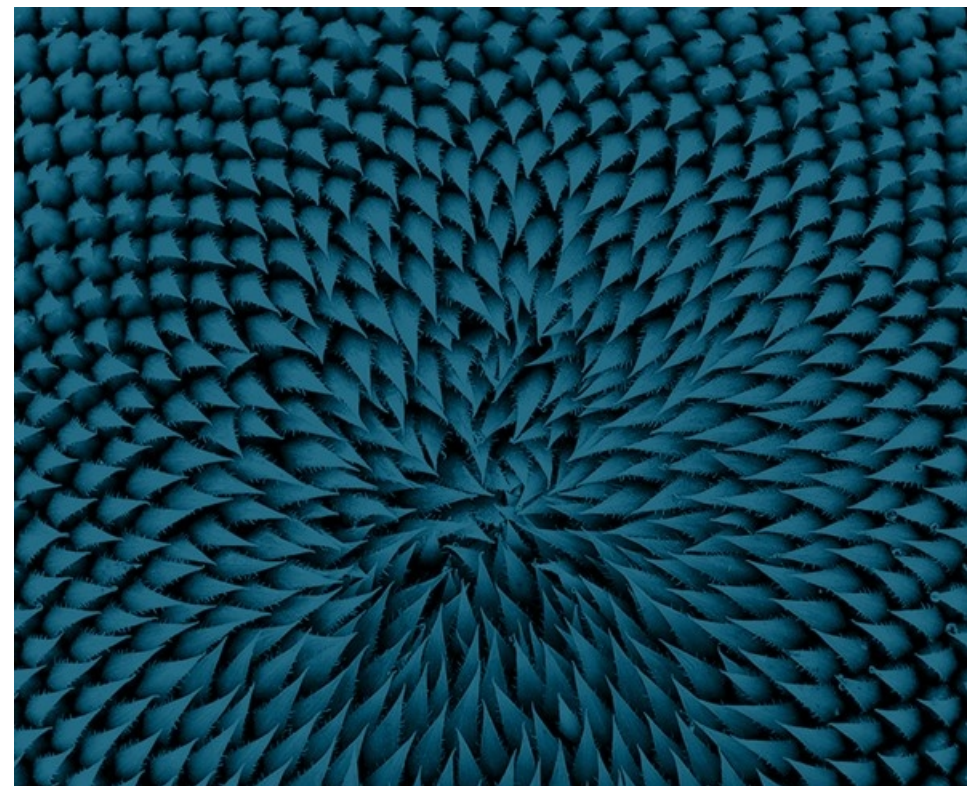
Evyron™ T50 molten is based on 50% renewable carbon content and carries the ISCC PLUS certification which includes calculations for the mass balance and greenhouse gas values. This third party certification also ensures that the sustainable raw materials used are sourced responsibly and sustainably from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

## Segment Applications

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

## Delivery Forms

Bulk at approx. 100°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 molten

## Sales Specification

Characteristics	Unit	Specification	Analytical Method <sup>1</sup>	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	

1. Internal analytical methods are available on request  
2. As OH-percentage, 37.5-38.2%

## General Characteristics

Characteristics	Unit	Typical Value <sup>1</sup>
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 CO<sub>2</sub> Uptake: 0.3 kg CO<sub>2</sub>eq/kg product  
Biogenic CO<sub>2</sub> Uptake: 1.0 kg CO<sub>2</sub>/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 molten is a liquid melt. Evyron™ is hygroscopic and should be handled to prevent moisture absorption.

Store Evyron™ molten at 90-110°C, under inert gas.

HS No.: 2905 41  
CAS No.: 77-99-6  
REACH registration No.: 01-2119486799-10-0005



Effective date: March 20, 2024

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