

# Curalite™ Ox

The key reactive diluent for Cationic and Hybrid systems

## Product Description

Curalite™ Ox is a 3-ethyl-3-oxetanemethanol (Oxetane monoalcohol). It has two reactive groups: one hydroxyl and one oxetane. It is a clear colorless liquid with a molecular weight of 116 g/mol.

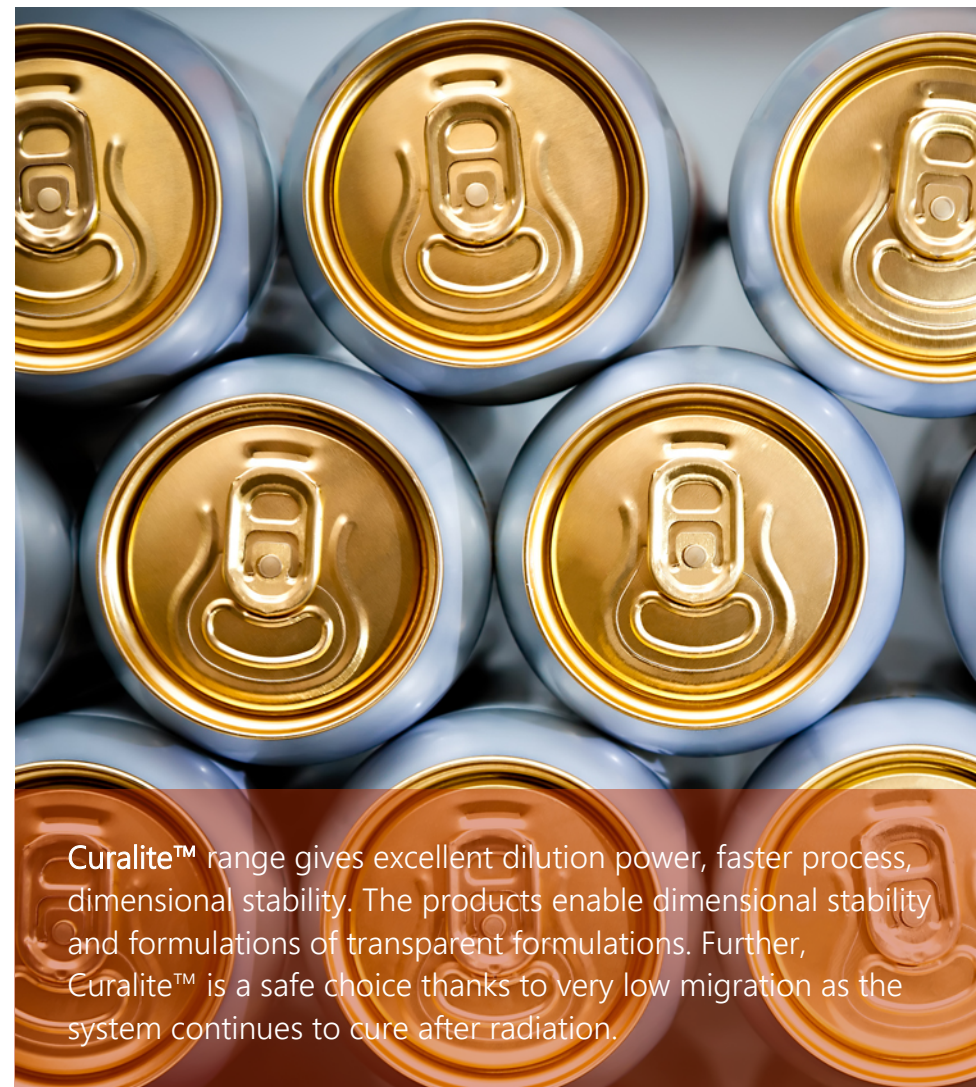
Curalite™ Ox is available as Pro-Environmental alternatives, ready to be dropped into existing formulations giving the same high performance as its fossil based alternative. Perstorp offers two grades of Curalite™ Pro Ox, based on 50% (Curalite™ Pro Ox C50) and roughly 20% (Curalite™ Pro Ox C20) renewable resources.

## Segment Applications

Reactive diluent for cationic or hybrid radiation curing systems  
Chemical building block

## Delivery Forms

IBC 1000 kg  
Steel drums 200 kg, 800 kg/pallet



Curalite™ range gives excellent dilution power, faster process, dimensional stability. The products enable dimensional stability and formulations of transparent formulations. Further, Curalite™ is a safe choice thanks to very low migration as the system continues to cure after radiation.

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## Sales Specification

Characteristics	Unit	Specification	Analytical Method <sup>1</sup>
Purity	%	Min. 98.0	PO 145-1
Hydroxyl Number	mg KOH/g	475-495	PO 100-16
Water content	%	Max. 0.1	PO 109-10

1. Analytical methods are available on request

## General Characteristics

Characteristics	Unit	Typical Value <sup>1</sup>
Color	APHA	10
Viscosity at 20 °C	mPas	27

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

## Handling and Storage

Curalite™ Ox is hygroscopic and should be handled to prevent moisture absorption. Perstorp recommends storing this product in sealed containers at ambient temperature, in a dry area protected from direct sunlight and the elements.

CAS No.: 3047-32-3

HS No.: 2932 99

REACH Reg No.: 01-2119953280-43-0000

Effective date: September 28, 2020

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.