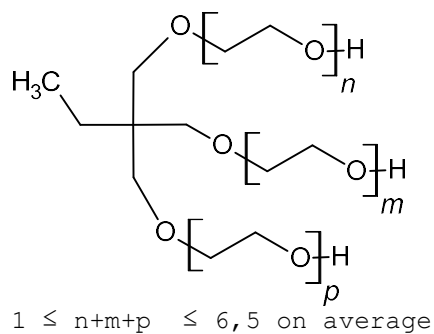


# SUBSTANCE SAMENESS INFORMATION SHEET: TMP-EO

November 2025

REACH name	Propylidynetrimethanol, ethoxylated, 1 - 6.5 moles ethoxylated
Common name	TMP-EO
REACH substance type	UVCB
EC No. (EINECS / NLP)	500-110-3
Other identifier: CAS No.	50586-59-9
CAS Name	Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol
Molecular formula	$C_3H_5(CH_2O(C_2H_4O)_nH)$ sum of n: >1 - <6.5 mol EO
Ratio starting materials	TMP : EO = 1 : ( $1 \leq EO < 6,5$ )
CMR	no CMR constituent above classification limit
Structural formula	



## TYPICAL COMPOSITION

EC number	EC name	CAS number	IUPAC name	Concentration range (wt %)
201-074-9	Trimethylolpropane	77-99-6	2-Ethyl-2-(hydroxymethyl)-1,3-propanediol	0 - <3
	Reaction product of 1 eq. of Trimethylolpropane with 1 eq. of Ethylene oxide		Reaction product of 1 eq. of Trimethylolpropane with 1 eq. of Ethylene oxide	0 - 14
	Reaction product of 1 eq. of Trimethylolpropane with 2 eq. of Ethylene oxide		Reaction product of 1 eq. of Trimethylolpropane with 2 eq. of Ethylene oxide	9 - 30
	Reaction product of 1 eq. of Trimethylolpropane with 3 eq. of Ethylene oxide		Reaction product of 1 eq. of Trimethylolpropane with 3 eq. of Ethylene oxide	19- 32
	Reaction product of 1 eq. of Trimethylolpropane with 4 eq. of Ethylene oxide		Reaction product of 1 eq. of Trimethylolpropane with 4 eq. of Ethylene oxide	15 - 32
	Reaction product of 1 eq. of Trimethylolpropane with 5 eq. of Ethylene oxide		Reaction product of 1 eq. of Trimethylolpropane with 5 eq. of Ethylene oxide	5 - 21
	Reaction product of 1 eq. of Trimethylolpropane with 6 eq. of Ethylene oxide		Reaction product of 1 eq. of Trimethylolpropane with 6 eq. of Ethylene oxide	0 - 18
	Reaction product of 1 eq. of Trimethylolpropane with 7 eq. of Ethylene oxide		Reaction product of 1 eq. of Trimethylolpropane with 7 eq. of Ethylene oxide	0 - 11
	Reaction product of 1 eq. of Trimethylolpropane with 8 eq. of Ethylene oxide		Reaction product of 1 eq. of Trimethylolpropane with 8 eq. of Ethylene oxide	0 - 6
	Reaction product of 1 eq. of Trimethylolpropane with 9 eq. of Ethylene oxide		Reaction product of 1 eq. of Trimethylolpropane with 9 eq. of Ethylene oxide	0 - 3
	Reaction product of 1 eq. of Trimethylolpropane with 10 eq. of Ethylene oxide		Reaction product of 1 eq. of Trimethylolpropane with 10 eq. of Ethylene oxide	0 - 2