

SUBSTANCE SAMENESS INFORMATION SHEET: SUC-PO

November 2025

REACH name Sucrose, propoxylated (>1 - <16.5 mol PO)

Common name SUC-PO

REACH substance type UVCB

EC No. (EINECS / NLP) 500-029-3

Other identifier:

CAS No. 9049-71-2

CAS Name Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-, ether with .beta.-D-fructofuranosyl .alpha.-D-glucopyranoside

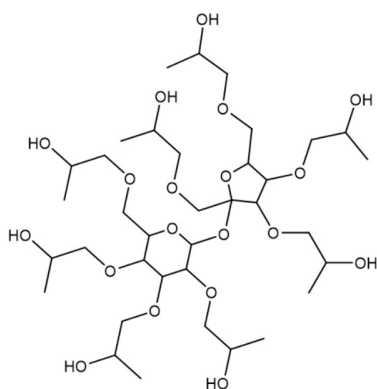
Molecular formula $C_{12}H_{14}O_{11}-(C_3H_6O)_nH_8$

sum of n: >1 - <16.5 mol PO

(Concrete Molecular formula cannot be provided as the substance "Sucrose, propoxylated" is a UVCB and, thus, is of variable composition, e.g. with respect to chain length of its constituents, on the basis of the manufacturing process.)

CMR No CMR constituents above classification limit

Structural formula



TYPICAL COMPOSITION

EC number	EC name	CAS number	IUPAC name	Concentration range (wt %)
200-334-9	Sucrose	57-50-1	(2R,3R,4S,5R,6R)-2-[(2S,3S,4R,5R)-3,4-Dihydroxy-2,5-bis(hydroxymethyl)tetrahydrofuran-2-yl]oxy]-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol	0 - 5
	Reaction product of 1 eq. of Sucrose with 1 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 1 eq. of Propylene oxide	0 - 3
	Reaction product of 1 eq. of Sucrose with 2 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 2 eq. of Propylene oxide	0 - 2
	Reaction product of 1 eq. of Sucrose with 3 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 3 eq. of Propylene oxide	0 - 3
	Reaction product of 1 eq. of Sucrose with 4 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 4 eq. of Propylene oxide	0 - 16
	Reaction product of 1 eq. of Sucrose with 5 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 5 eq. of Propylene oxide	0 - 16
	Reaction product of 1 eq. of Sucrose with 6 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 6 eq. of Propylene oxide	0 - 35
	Reaction product of 1 eq. of Sucrose with 7 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 7 eq. of Propylene oxide	0 - 35
	Reaction product of 1 eq. of Sucrose with 8 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 8 eq. of Propylene oxide	0 - 25
	Reaction product of 1 eq. of Sucrose with 9 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 9 eq. of Propylene oxide	0 - 34
	Reaction product of 1 eq. of Sucrose with 10 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 10 eq. of Propylene oxide	0 - 27
	Reaction product of 1 eq. of Sucrose with 11 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 11 eq. of Propylene oxide	0 - 32
	Reaction product of 1 eq. of Sucrose with 12 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 12 eq. of Propylene oxide	0 - 32

	Reaction product of 1 eq. of Sucrose with 13 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 13 eq. of Propylene oxide	0 - 21
	Reaction product of 1 eq. of Sucrose with 14 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 14 eq. of Propylene oxide	0 - 23
	Reaction product of 1 eq. of Sucrose with 15 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 15 eq. of Propylene oxide	0 - 22
	Reaction product of 1 eq. of Sucrose with 16 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 16 eq. of Propylene oxide	0 - 17
	Reaction product of 1 eq. of Sucrose with 17 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 17 eq. of Propylene oxide	0 - 12
	Reaction product of 1 eq. of Sucrose with 18 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 18 eq. of Propylene oxide	0 - 8
	Reaction product of 1 eq. of Sucrose with 19 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 19 eq. of Propylene oxide	0 - 5
	Reaction product of 1 eq. of Sucrose with 20 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 20 eq. of Propylene oxide	0 - 3
	Reaction product of 1 eq. of Sucrose with 21 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 21 eq. of Propylene oxide	0 - 2
	Reaction product of 1 eq. of Sucrose with 22 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 22 eq. of Propylene oxide	0 - 1
	Reaction product of 1 eq. of Sucrose with 23 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 23 eq. of Propylene oxide	0 - 1
	Reaction product of 1 eq. of Sucrose with 24 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 24 eq. of Propylene oxide	0 - 1
	Reaction product of 1 eq. of Sucrose with 25 eq. of Propylene oxide		Reaction product of 1 eq. of Sucrose with 25 eq. of Propylene oxide	0 - 1