



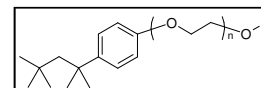
PHENOL ETHOXYLATES



Octyl- and nonylphenol ethoxylates are widely used as surfactants in soap. Due to their suspected endocrine disruptive behaviour, these compounds are now banned or restricted in several countries.

A range of new pure isomers of ethoxylated octyl- and nonylphenol isomers, pure isomer mixtures and *n*-octyl and *n*-nonyl derivatives for use as calibration standards are now available, only from Chiron AS.

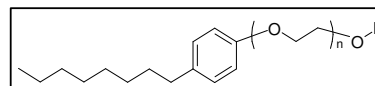
4-*tert*-Octylphenol ethoxylates



Cat. No.	Compound
1446.14-K-IO	4- <i>tert</i> -Octylphenol
1446.14-K-ME	4- <i>tert</i> -Octylphenol
3689.16-K-IO	4- <i>tert</i> -Octylphenol EO
3753.18-K-IO	4- <i>tert</i> -Octylphenol 2EO
3754.20-K-IO	4- <i>tert</i> -Octylphenol 3EO
8576.4-KIT	4- <i>tert</i> -Octylphenol EO Kit (EO=0-3)

Available in 1000 µg/mL in isooctane, 1 mL.

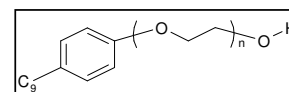
4-*n*-Octylphenol ethoxylates



Cat. No.	Compound
1445.14-K-IO	4- <i>n</i> -Octylphenol
2286.16-K-IO	Ethylene glycol mono(p- <i>n</i> -octylphenyl) ether
2287.18-K-IO	Diethylene glycol mono(p- <i>n</i> -octylphenyl) ether
2309.20-K-IO	Triethylene glycol mono(p- <i>n</i> -octylphenyl) ether
3688.22-K-IO	Tetraethylene glycol mono(p- <i>n</i> -octylphenyl) ether
2367.4-KIT	<i>n</i> -Octylphenol EO Kit (EO=0-3, Not including 3688.12)

Available in 1000 µg/mL, 1 mL in isooctane.

4-Nonylphenol ethoxylates, mixtures of nonyl isomers

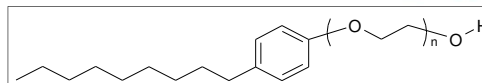


Cat. No.	Compound
2044.15-K-IO	4-Nonylphenol, mixture of nonyl isomers
1833.17-K-IO	Ethylene glycol mono(p-nonylphenyl) ether
1832.19-K-IO	Diethylene glycol mono(p-nonylphenyl) ether
1976.21-K-IO	Triethylene glycol mono(p-nonylphenyl) ether isomer mix
1977.23-K-IO	Tetraethylene glycol mono(p-nonylphenyl) ether isomer mix
2366.5-KIT	Nonyl(isomers)phenol EO Kit

1000 µg/mL, 1 mL in isooctane



4-*n*-Nonylphenol ethoxylates



Cat. No.	Compound
1450.15-K-IO	4-n-Nonylphenol
1978.17-K-IO	Ethylene glycol mono(p-n-nonylphenyl) ether
1979.19-K-IO	Diethylene glycol mono(p-n-nonylphenyl) ether
8582.21-K-IO	Triethylene glycol mono(p-n-nonylphenyl) ether
3755.3-KIT	<i>n</i> -Nonylphenol ethoxylates Kit

Available in 1000 µg/mL, 1 mL in isooctane

Technical Mixtures

Octylphenoethoxylate technical mixtures

Cat. No.	Compound
8577-K-W *	Triton X-114
8388-K-W *	Triton X-100 (n=4-17)
8578-K-W *	Triton X-405

Nonylphenoethoxylate technical mixtures

Cat. No.	Compound
S-4097-100MG	Imbentin-N/020 (n=0-4)
S-4098-100MG	Imbentin-N/040 (n=1-7)
S-4508-100MG	Imbentin-N/050
S-4099-100MG	Imbentin-N/060 (n=2-9)
2368.3-KIT	Imbentin Kit (4 samples)

Technical Mixtures is available as 1000 µg/mL in water or 100 mg neat

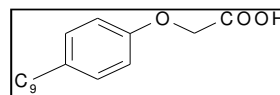
Deuterated internal standards

Cat. No.	Compound
	Deuterated and ¹³ C labelled ethoxylates: Please inquire
2327.14-100-IO	4-n-Octylphenol-d17
2414.15-K-IP *	4-n-Nonylphenol-2,3,5,6-d4-OD

* Also available as 1000 µg/mL in Isopropanol, 5 mL and 1000 µg/mL in Acetone, 5x5 mL.

Metabolite

1980.17-K-IO 2-(4-Nonylphenoxy)acetic acid isomer mixture



1 mg/mL in isooctane

International Standard Methods for Phenol Ethoxylates Analysis

ISO 18857-1: 2005

Water quality – Determination of selected alkylphenols

There are not yet any ISO methods for the analysis of alkylphenol ethoxylates, but the above method introduces the use of ¹³C labelled nonylphenol as internal standard for alkylphenol analysis.