

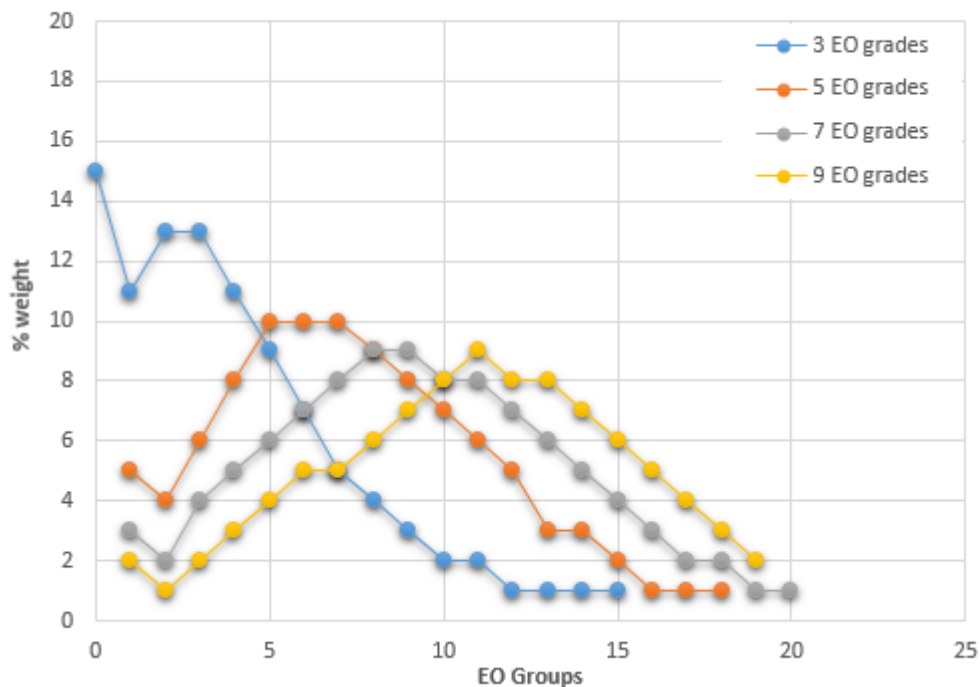
## Typical distributions of NEODOL™ ethoxylate adducts

NEODOL ethoxylates are produced in a base-catalysed condensation reaction of ethylene oxide (EO) with an alcohol (ROH, giving a mixture of ethylene oxide adducts of varying chain length plus an amount of unreacted/free alcohol [EO=O]. The composition of the mixture follows a standard distribution curve, generally peaking at the average EO.

NEODOL ethoxylates – typical distributions, %m/m of ethoxylate adducts of each EO chain length

NEODOL Products	23-1	LM-2 23-2	91-2.5 25-2.5	23-3 25-3	91-5	91-6 23-6.5	LM-7 25-7 45-7	91-8	LM-9 25-9
EO/ROH	1	2	2.5	3	5	6, 6.5	7	8	9
EO chain length									
0	42	22	16	15	5	3	3	2	2
1	21	14	13	11	4	2	2	1	1
2	15	15	14	13	6	4	4	2	2
3	9	13	13	13	8	5	5	3	3
4	5	10	11	11	10	6	6	4	4
5	3	7	8	9	10	8	7	5	5
6	2	5	6	7	10	8	8	6	5
7	1	4	5	5	9	9	9	8	6
8	1	3	4	4	8	9	9	9	7
9	1	2	3	3	7	9	8	9	8
10	-	1	2	2	6	8	8	9	9
11	-	1	2	2	5	7	7	8	8
12	-	1	1	1	3	6	6	8	8
13	-	1	1	1	3	5	5	7	7
14	-	1	1	1	2	4	4	6	6
15	-	-	-	1	1	3	3	4	5
16	-	-	-	-	1	2	2	3	4
17	-	-	-	-	1	1	2	3	3
18	-	-	-	-	-	1	1	2	2
Higher	-	-	-	-	1	-	1	1	5

## Typical EO distributions NEODOL ethoxylates



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### Disclaimer

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