



Estimated Starting Use Levels for Sugar, a blend of Sugar and Neotame and a blend of Sugar, Neotame, and Acesulfame-K

Carbonated Soft Drinks	Sugar- Containing Ingredients Mono- & Di saccharides (% as formulated)	Sugar Sweetness Contribution (% of total sweetness in blend)	Sugar: Neotame: Acesulfame-K Blend (% as formulated)		
			Sugar	Neotame	Acesulfame-K
Cola	9-12	80	7.2 - 9.6	0.00018 - 0.0003	0.00 - 0.002
		75	6.75 - 9	0.00023 - 0.00039	0.00 - 0.0035
		67	6 - 9	0.00021 - 0.00038	0.001 - 0.005
		50	4.5 - 6	0.00043 - 0.00055	0.0025 - 0.011
Orange	10-14	80	8 - 11.2	0.00024 - 0.00029	--
		75	7.5 - 10.5	0.00032 - 0.00039	--
		67	6.7 - 9.4	0.00032 - .000042	0.0035 - 0.0065
		50	5 - 7	0.00045 - .000054	0.0090 - 0.0130
Lemon Lime	9-11	80	7.2 - 8.8	0.00019 - 0.00023	--
		75	6.75 - 8.25	0.00023 - 0.00028	--
		67	6 - 7.3	0.00025 - 0.00035	0.003 - 0.006
		50	4.5 - 5.5	0.00033 - 0.00041	0.0070 - 0.0115

Still/RTD Beverages	Sugar- Containing Ingredients Mono- & Di saccharides (% as formulated)	Sugar Sweetness Contribution (% of total sweetness in blend)	Sugar: Neotame: Acesulfame-K Blend (% as formulated)		
			Sugar	Neotame	Acesulfame-K
Fruit Punch	10-12	80	8 - 9.6	0.00023 - 0.00029	--
		75	7.5 - 9	0.00023 - 0.00034	--
		67	6.7 - 9	0.00024 - 0.00031	0.0025 - 0.0045
		50	5 - 6	0.00041 - 0.00054	0.003 - 0.0075
Orange/ Citrus	10-12	80	8 - 9.6	0.00021 - 0.00031	--
		75	7.5 - 9	0.00023 - 0.00033	--
		67	6.7 - 9	0.00023 - .000034	0.0025 - 0.004
		50	5 - 6	0.00041 - .000049	0.0050 - 0.090

Powdered Soft Drinks on Dry Mix Basis	Sugar- Containing Ingredients Mono- & Di saccharides (% as formulated)	Sugar Sweetness Contribution (% of total sweetness in blend)	Sugar: Neotame: Acesulfame-K Blend (% as formulated)		
			Sugar	Neotame	Acesulfame-K
Fruit Punch	90-95	80	87-94	0.0024-0.0045	--
		75	87-93	0.0040 - 0.0075	0.00 - 0.20
		67	85-93	0.00035-0.0085	0.055 - 0.105
		50	82-90	0.005 - 0.0115	0.1075 - 0.285
Lemonade	90-95	80	87-94	0.0015-0.0045	--
		75	87-93	0.0030 - 0.0065	0.00 - 0.17
		67	85-93	0.0035 - 0.0070	0.04 - 0.09
		50	82-90	0.0045 - 0.0095	0.125 - 0.285

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Estimated Starting Use Levels for Sugar-Free Beverages sweetened with a blend of Neotame, Aspartame, & Acesulfame-K or a blend of Neotame, Sucralose, and Acesulfame-K

Product Type	Sweetness Level (as % sugar equivalent)	Neotame: Aspartame: Acesulfame-K Blend (% of total sweetness) ** (Assume 25%-33% APM: Ace-K Synergy) **			Neotame: Sucralose: Acesulfame-K Blend (% of total sweetness)		
		Neotame	Aspartame	Acesulfame-K	Neotame	Sucralose	Acesulfame-K
Carbonated	9-14	20	75	5	20	73	7
		23	70	7	29	50	21
		30	50	20	34	41	25
		32	56	12	46	32	22
Still/ RTD	8-13	21	67	12	13	80	7
		22	46	32	23	56	21
		28	55	17	30	40	30
		34	45	21	37	45	18
Powdered (As Finished Beverage)	8-12	20	60	20	22	50	28
		22	49	29	34	31	35
		29	22	49	35	40	25
		31	48	21	39	21	40

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Estimated Starting Use Levels for Sugar, and a blend of Sugar and Neotame

Product Many of these products would require bulking agents. The sweetness contribution of the bulking agents has been factored into this table.	Sugar- Containing Ingredients Mono- & Di saccharides (% as formulated)	Sugar: Neotame Blend 75:25 sweetness contribution (% as formulated)	
		Sugar	Neotame
Frozen Deserts	14 - 22	10.5 - 16.5	0.0003 - 0.001
Ice Cream	14 - 22	10.5 - 16.5	0.0003 - 0.0006
Yogurt, plain	3 - 5	2.25 - 3.75	0.00005 - 0.0001
Yogurt, fruited/flavored	6 - 12	4.5 - 9	0.00012 - 0.0003
Yogurt Fruit Preparations	45 - 63	34 - 47	0.0015 - 0.003
Chewing Gum, Bubble Gum	50 - 60	37.5 - 45	0.001 - 0.0075
Confections	54 - 98	40.5 - 73.5	0.0004 - 0.002
Jams, Jellies, Fruit Spreads, Toppings	80 - 90	60 - 67.5	0.001 - 0.003
OTC Tablets	60 - 80	45- 60	0.001 - 0.008
Fiber Laxatives on dry mix basis	45 - 55	33.75 - 41.25	0.0016 - 0.003
Cough Lozenges	97 - 98	72.75 - 73.5	0.001 - 0.002
Powdered Dessert Mixes on dry mix basis	50 - 90	43 - 87	0.005 - 0.011
Refrigerated Chocolate Milk	5 - 7	3.75 - 5.25	0.0001 - 0.00015
Baked Goods	10 - 25	7.5 - 18.75	0.0002 - 0.0008
Salad Dressings	3 - 25	2.25 - 18.75	0.00006 - 0.0008
Sauces	5 - 33	3.75 - 24.75	0.0001 - 0.0004

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