

enhanced_oil_pull_A24_2021_11_20

A18-A21, A23 not made MADE
 ADDED BLACK SEED OIL and NEEM , ADJUSTED OTHER OILS
 Fixed oil phase to include Vit C and Vit E oils

max % 20C speed			1	FINAL CONC	FINAL PPM	36 multiplier	12 multiplier	6 multiplier
UNIT VOLUME	given	oz	4			36 multiplier	12 multiplier	6 multiplier
	calc	units	1			36 units	12 units	6 units
	conv^	ml	118.28	% in concentr				
FINAL TOTAL VOLUME TO CAL CONC	given	oz	4			144 oz	48 oz	24 oz
	conv^	ml	118			4258.1 ml	1419 ml	709.7 ml
	conv^	gal	0.03			1.13 gal	0.38 gal	0.19 gal
EMPTY BOTTLES						90 ml, 60 ml		
CONCENTRATE TOTAL			4.50	ml		162 ml	54 0.00 1.8 oz	27 ml 0.9
Total Solutes		gm	0.870				10.4	5.2
SOLUTES:							TOTAL	
Water + Iodine		ml	2.5			90 ml	30 ml	15 ml
Total Water Phase		ml	1.000			36 ml	12 ml	6 ml
Water	100%	ml	0.950	0.8032%	95	8,032	34.2 ml	11.4 ml
Ethanol	95%	ml	0.050	0.0402%	5	402	1.8 ml	0.6 ml 0.03 ml
Bicarb	100%							
Boric Acid	100%	gm	0.025	0.0211%	2.5	211	0.9 gm	0.3 gm
Borax	100%	gm	0.025	0.0211%	2.5	211	0.9 gm	0.3 gm
Niacin	100%	gm	0.020	0.0169%	2	169	0.72 gm	0.24 gm
Niacinamide	100%	gm	0.250	0.2114%	25	2,114	9 gm	3 gm
Salt	100%	gm	0.250	0.2114%	25	2,114	9 gm	3 gm
Xylitol	100%	gm	0.250	0.2114%	25	2,114	9 gm	3 gm
Iodine Tincture	2%	ml	1.500	0.0254%		254	54 ml	18 ml
Ethanol	95%	ml						9 ml 0.3 oz
Phenol	1.4							
Vanilla Extract	100%	drop		drp/100ml				
	conv	ml	2.00	33.81806				
Oils TOTAL	100%	drop	40.00	1.6909%		16,909	1440 drop	480 drop 24 ml
Coconut Oil								240 drop 12 ml
Olive Oil	100%	ml	0.60	0.0254%		254	21.6 ml	7.2 ml 0.36 ml
Vit C Oil	100%	ml	0.10	0.0042%		42	3.6 ml	1.2 ml 0.06 ml
Vit E Oil	100%	ml	0.10	0.0042%		42	3.6 ml	1.2 ml 0.06 ml
Black Seed Oil	3 100%	drop	5.00	0.2114%		2,114	180 drop 9 ml	60 drop 3 ml
Cinnamon	3 100%	drop	3.00	0.1268%		1,268	108 drop 5.4 ml	36 drop 1.8 ml
Clove	3 100%	drop	1.50	0.0634%		634	54 drop 2.7 ml	18 drop 0.9 ml
Eucalyptus	4 100%	drop	1.25	0.0528%		528	45 drop 2.25 ml	15 drop 0.75 ml
Fennel								7.5 drop 0.375 ml
Frankincense	4 100%	drop	1.25	0.0528%		528	45 drop 2.25 ml	15 drop 0.75 ml
Geranium								7.5 drop 0.375 ml
Ginger	4 100%	drop	1.00	0.0423%		423	36 drop 1.8 ml	12 drop 0.6 ml
Lavender								6 drop 0.3 ml
Myrrh								
Neem	5 100%	drop	3.50	0.1480%		1,480	126 drop 6.3 ml	42 drop 2.1 ml
Oregano	3							21 drop 1.05 ml
Peppermint	5 100%	drop	2.00	0.0845%		845	72 drop 3.6 ml	24 drop 1.2 ml
Rosemary	4 100%	drop	0.75	0.0317%		317	27 drop 1.35 ml	9 drop 0.45 ml
Sage								4.5 drop 0.225 ml
Spearmint								0 0.00 0 ml
Tea Tree	3 100%	drop	0.75	0.0317%		317	27 drop 1.35 ml	9 drop 0.45 ml
Thyme	3							0 0.00 0 ml
Turmeic	2							
Wintergreen	4 100%	drop	4.00	0.1691%		1,691	144 drop 7.2 ml	48 drop 2.4 ml

speed 5 = fast, 1 = slow

Directions	1 Measure powders (12x adds to 8.5 ml powder) into 50 ml beaker	Powder	26 ml
for	2 Boil water, add to solutes to 12 ml using stirrer	Beaker Size	100 ml
8 units	3 When < 160F, add 18 ml Iodine tincture to TOTAL 30 ml and continue to stir to dissolve remainder (ethanol evaporates 173F)	Total Water + Solutes	36 ml
	4 Oils will total 18 ml	Add Iodine	54 ml
	5 To fill syringe, fill with 0.5 ml air to see level	Total Water Phase	90 ml
	6 Each 4 oz bottle of sesame oil will have water phase 2.5 ml total, and 1.5 ml oils	Oils will Total	54 ml

Solubilities at 20C (68F)	max % in gm/100	max gm in 10 ml	max mg in 1 ml
Bicarb	10.00	1	100
Boric Acid	4.70	0.47	47
Borax	4.70	0.47	47
Niacin	2.53	0.253	25.3
Niacinamide	69.00	6.9	690
Salt	35.00	3.5	350
Xylitol	200.00	20	2000