

# AROMA CHEMICAL PRODUCT LIST

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CITRUS and ALLIED ESSENCES LTD.

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A12797	ALDEHYDE C-8 FCC (OCTANAL)	125	2797	124-13-0
✓	✓	A12362	ALDEHYDE C-10 FCC (DECANAL)	180	2362	112-31-2
✓	✓	A19150	ALDEHYDE C-16 FCC (SO-CALLED ETHYL METHYL PHENYL GLYCIDATE)	>200	2444	77-83-8
✓	✓	A71296	ALLYL AMYL GLYCOLATE	>200	N/A	67634-00-8
✓	✓	A12479	ALPHA FENCHONE	145	4519	7787-20-4
✓	✓	A13390	ALPHA FENCHYL ACETATE REDISTILLED	183	3390	15706-73-7
✓	✓	A52480	ALPHA FENCHYL ALCOHOL	165	2480	
✓	✓	A12902	ALPHA PINENE FCC (REFINED) (NATURAL)	84	2902	80-56-8
✓	✓	A19089	AMYL ACETATE FCC (ISOAMYL ACETATE)	77	2055	123-92-2
✓	✓	A12055	ISO AMYL ACETATE (NATURAL)	77	2055	123-92-2
✓	✓	A19088	AMYL BUTYRATE FCC (ISOAMYL BUTYRATE)	135	2060	106-27-4
✓	✓	A12060	ISO AMYL BUTYRATE (NATURAL)	135	2060	106-27-4
✓	✓	A52086	ANETHOLE 21/22 FCC	>200	2086	4180-23-8
✓	✓	A41010	ANETHOLE FCC (NATURAL)	>200	2086	4180-23-8
✓	✓	A90371	ANISYL ACETATE FCC	>200	2098	104-21-2
✓	✓	A12099	ANISYL ALCOHOL FCC	>200	2099	105-13-5
✓	✓	A90372	ANISYL FORMATE EXTRA FCC	>200	2101	122-91-8
✓	✓	A19044	BENZALDEHYDE RECTIFIED FCC	144	2127	100-52-7
✓	✓	A52381	BENZO DIHYDRO PYRONE (DIHYDRO COUMARIN)	>200	2381	119-84-6
✓	✓	A12903	BETA PINENE FCC (REFINED) (NATURAL)	95	2903	127-91-3
✓	✓	A12157	LAevo BORNEOL CRYSTALS EXTRA (80-20)	>200	2157	464-45-9
✓	✓	A121571	LAevo BORNEOL CRYSTALS 96%	>200	2157	464-45-9
✓	✓	A52159	LAevo BORNYL ACETATE FCC	189	2159	76-49-3
✓	✓	A12190	BUTYL BUTYRL LACTATE	200	2190	7492-70-8
✓	✓	A12221N	BUTYRIC ACID (NATURAL)	170	2221	107-92-6
✓	✓	92735	D'CARVONE 95% (NATURAL)	192	2249	2244-16-8
✓	✓	A12249	LAevo CARVONE FCC	>200	2249	99-49-0
✓	✓	A122491	LAevo CARVONE 88/90% (NATURAL)	>200	2249	99-49-0
✓	✓	A52229	CAMPHERE PERFUMERY 95/97%	95	2229	79-92-5
✓	✓	A19122	CARAMEL FURANONE (3-HYDROXY-4,5-DIMETHYL-2 (5H)-FURANONE) (3% SOLUTION IN PROPYLENE GLYCOL)	200	3634	28664-35-9
✓	✓	A12252	CARYOPHELLENE BETA FCC (NATURAL)	>200	2252	87-44-5
✓	✓	A12286	CINNAMIC ALDEHYDE FCC	>200	2286	104-55-2
✓	✓	A12286N	CINNAMIC ALDEHYDE 98% (NATURAL)	>200	2286	104-55-2
✓	✓	A12305	CITRAL DIMETHYL ACETAL 93/95%	>180	2305	7549-37-3
✓	✓	A13494	CIS-JASMONE	>200	3196	488-10-8
✓	✓	A523991	CITRAL 95% (NATURAL)	>200	2303	5392-40-5
✓	✓	A523032	CITRAL EXTRA FCC (NATURAL)	195	2303	5392-40-5
✓	✓	A52305	CITRAL SYNTHETIC 95/96%	195	2303	5392-40-5
✓	✓	A52303B	CITRAL SYNTHETIC FCC	195	2303	5392-40-5
✓	✓	A52307	CITRONELLAL 85/90% FCC (NATURAL)	165	2307	106-23-0
✓	✓	A12307	CITRONELLAL RESIDUES	>200		N/A
✓	✓	A529698	CITRONELLOL CLASSIQUE 96/98%	200	2309	106-22-9
✓	✓	A52309	CITRONELLOL COEUR FCC	>200	2309	106-22-9

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Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A523091	CITRONELLOL EXTRA 93/95% FCC	>200	2309	106-22-9
✓	✓	A523092	CITRONELLOL PURE FCC	>200	2309	106-22-9
✓	✓	A52311	CITRONELLYL ACETATE EXTRA FCC	>200	2311	150-84-5
✓	✓	A52312	CITRONELLYL BUTYRATE EXTRA FCC	>200	2312	141-16-2
✓	✓	A52314	CITRONELLYL FORMATE EXTRA FCC	195	2314	105-85-1
✓	✓	A62314	CITRONELLYL FORMATE PURE	195	2314	105-85-1
✓	✓	A12313	CITRONELLYL ISOBUTYRATE EXTRA FCC	>200	2313	97-89-2
✓	✓	A12316	CITRONELLYL PROPIONATE EXTRA	>200	2316	141-14-0
✓	✓	A19141	COUMARIN CRYSTALS	>200	N/A	91-64-5
✓	✓	A12391	DIMETHYL OCTANOL FCC (TETRA HYDROGERANIOL)	190	2391	106-21-8
✓	✓	A11012	DIMETHYL OCTANYL ACETATE EXTRA (TETRA HYDROGERANYL ACETATE)	195	N/A	20780-49-8
✓	✓	A19002	DIHYDRO JASMONE	>200		1128-08-1
✓	✓	A2411	ESTRAGOLE EXTRA FCC (METHYL CHAVICOL) (NATURAL)	176	2411	140-67-0
✓	✓	A19085	ETHYL ACETATE FCC	24	2414	141-78-6
✓	✓	A12414	ETHYL ACETATE (NATURAL)	27	2414	141-78-6
✓	✓	A19035	ETHYL ACETOACETATE REDISTILLED FCC	184	2415	141-97-9
✓	✓	A19086	ETHYL BUTYRATE FCC	78	2427	105-54-4
✓	✓	A12427N	ETHYL BUTYRATE (NATURAL) FCC	78	2427	105-54-4
✓	✓	A12439	ETHYL CAPROATE FCC	120	2439	123-66-0
✓	✓	A12463	ETHYL ISOVALERATE (NATURAL)	90	2463	108-64-5
✓	✓	A19079	ETHYL PROPIONATE FCC	54	2456	105-37-3
✓	✓	A13487	ETHYL MALTOL FCC	>200	3487	4940-11-8
✓	✓	A12464	ETHYL VANILLIN FCC	>200	2464	121-32-4
✓	✓	A12465	EUCALYPTOL FCC (NATURAL)	115	2465	470-82-6
✓	✓	A12467	EUGENOL EXTRA USP FCC	>200	2467	97-53-0
✓	✓	A124671	EUGENOL 99/100% FCC (NATURAL)	>200	2467	97-53-0
✓	✓	A12469	EUGENYL ACETATE FCC	>200	2469	93-28-7
✓	✓	A5520	GERANIOL #702 (ROSE BASE)	>200	N/A	PROPRIETARY FORMULA
✓	✓	A525071	GERANIOL EXTRA 92/94% FCC	>200	2507	106-24-1
✓	✓	A52507	GERANIOL SUPER 96/98% FCC	>200	2507	106-24-1
✓	✓	A525070	GERANIOL (FINE PERFUMERY)	>200	2507	106-24-1
✓	✓	A529293	GERANIOL CLASSIQUE 92/93%	200	2507	106-24-1
✓	✓	A525072	GERANIOL 85 FCC	>200	2507	106-24-1
✓	✓	A525073	GERANIOL 95 FCC	>200	2507	106-24-1
✓	✓	A525074	GERANIOL 98 FCC	>200	2507	106-24-1
✓	✓	A525075	GERANIOL COEUR FCC	>200	2507	106-24-1
✓	✓	A52831	GERANIOL EX PALMA ROSA (NATURAL)	>200	2507	106-24-1
✓	✓	A525091	GERANYL ACETATE EXTRA FCC	>200	2509	105-87-3
✓	✓	A525092	GERANYL ACETATE SUPER FCC	>200	2509	105-87-3
✓	✓	A59036	GERANYL ACETATE 85	>200	2509	105-87-3
✓	✓	A59037	GERANYL BUTYRATE 85	>200	2512	106-29-6
✓	✓	A5914	GERANYL ACETATE 95/97% (FROM GERANIOL EX PALMA ROSA) (NATURAL)	>200	2509	105-87-3
✓	✓	A52512	GERANYL BUTYRATE EXTRA FCC	>200	2512	106-29-6

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✓	✓	A52514	GERANYL FORMATE EXTRA FCC	185	2514	105-86-2
✓	✓	A525148	GERANYL FORMATE 98	185	2514	105-86-2
✓	✓	A12513	GERANYL ISOBUTYRATE EXTRA	>200	2513	2345-26-8
✓	✓	A5251412	GERANYL PROPIONATE EXTRA	>200	2517	105-90-8
✓	✓	A52586	GERANYL PROPIONATE PURE	>200	2517	105-90-8; 27751-90-2
✓	✓	A12911	HELIOTROPINE RECRYSTALLIZED EXTRA FCC	>200	2911	120-57-0
✓	✓	A12175	ISOBUTYL ACETATE (NATURAL)	64	2175	110-19-0
✓	✓	A13460	ISOMENTHONE EXTRA	174	3460	491-07-6
✓	✓	A12962	ISOPULEGOL EXTRA FCC	175	2962	89-79-2
✓	✓	A12965	ISOPULEGYL ACETATE	186	2965	57576-09-7

## LACTONES

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A12361	DELTA DECALACTONE FCC	>200	2361	705-86-2
✓	✓	A12361N	DELTA DECALACTONE (NATURAL)	>200	2361	705-86-2
✓	✓	A12401	DELTA DODECALACTONE FCC	>200	2401	713-95-1
✓	✓	A12401N	DELTA DODECALACTONE (NATURAL)	>200	2401	
✓	✓	A13294	DELTA UNDECALACTONE FCC	>200	3294	710-04-3
✓	✓	A13356	DELTA NONALACTONE FCC	>200	3356	3301-94-8
✓	✓	A13214	DELTA OCTALACTONE FCC	>200	3214	698-76-0
✓	✓	A13590	DELTA TETRADECALACTONE FCC	>200	3590	2721-22-4
✓	✓	A12360	GAMMA DECALACTONE FCC	>200	2360	706-14-9
✓	✓	A52360	GAMMA DECALACTONE (NATURAL)	>200	2360	706-14-9
✓	✓	A12400	GAMMA DODECALACTONE FCC	>200	2400	2305-05-7
✓	✓	A12539	GAMMA HEPTALACTONE FCC	>200	2539	105-21-5
✓	✓	A12556	GAMMA HEXALACTONE FCC (CAPROLACTONE)	>200	2556	695-06-7
✓	✓	A12781	GAMMA NONALACTONE FCC (SO-CALLED ALDEHYDE C-18)	>200	2781	104-61-0
✓	✓	A12796	GAMMA OCTALACTONE FCC	>200	2796	104-50-7
✓	✓	A13091	GAMMA UNDECALACTONE FCC (SO-CALLED ALDEHYDE C-14)	>200	3091	104-67-6
✓	✓	A12283	GAMMA VALEROLACTONE FCC	>200	3103	108-29-2
✓	✓	A13747	MASSOIA LACTONE 95% (NATURAL)	>200	3744	54814-64-1
✓	✓	A526350	LAEVO LINALOOL (EX-BASIL) (NATURAL)	160	2635	126-91-0
✓	✓	A52635	LAEVO LINALOOL (EX-HO WOOD) (NATURAL)	160	2635	126-91-0; 78-70-6
✓	✓	A126351	LINALOOL PURE SYNTHETIC FCC	173	2635	78-70-6
✓	✓	A12636	LINALYL ACETATE PURE SYNTHETIC FCC	184	2636	115-95-7
✓	✓	A52637	LINALYL ACETATE 90/92% (NATURAL)	184	2636	115-95-7
✓	✓	A12665	LAEVO MENTHOL CRYSTALS USP SELECT FCC (NATURAL)	190	2665	2216-51-5
✓	✓	A519039	LAEVO MENTHONE EXTRA FCC (-20 ROTATION) (NATURAL)	195	2667	14073-97-3
✓	✓	A52667	LAEVO MENTHONE FCC (NATURAL)	195	2667	14073-97-3
✓	✓	A52668	LAEVO MENTHYL ACETATE	198	2668	16409-45-3
✓	✓	A52668N	LAEVO MENTHYL ACETATE (NATURAL)	198	2668	16409-45-3
✓	✓	A58891	LAEVO MENTHYL LACTATE	200	3748	59259-38-0
✓	✓	A58899	LAEVO MENTHYL LACTATE (NATURAL)	200	3748	59259-38-0

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## LACTONES (continued)

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A59006	LONGIFOLENE REDISTILLED	>200	N/A	475-20-7
✓	✓	A12656	MALTOL FCC	>200	2656	118-71-8
✓	✓	A12656N	MALTOL (NATURAL)	>200	2656	118-71-8
✓	✓	A59042N	MENTHOFURAN NATURAL 50%	196	3235	494-90-6
✓	✓	A52682	METHYL ANTHRANILATE EXTRA FCC	>200	2682	134-20-3
✓	✓	A52682N	METHYL ANTHRANILATE (NATURAL)	>200	2682	134-20-3
✓	✓	A19134	METHYL HEPTENONE PURE	135	2707	110-93-0
✓	✓	A12544	METHYL N-AMYL KETONE FCC (2-HEPTANONE)	115	2544	110-43-0
✓	✓	A12698	METHYL CINNAMATE FCC (NATURAL)	>200	2698	103-26-4
✓	✓	A12700	METHYL CYCLOPENTENOLONE FCC	N/A	2700	765-70-8; 80-71-7
✓	✓	A12475	METHYL EUGENOL FCC	>200	2475	93-15-2
✓	✓	A2143N	METHYL SALICYLATE 98% (NATURAL)	>200	2745	119-36-8
✓	✓	A12769	NARINGEN RECRYSTALLIZED (NATURAL)	N/A	2769	14259-46-2
✓	✓	A21447	NEOHESPERDIN DC (DIHYDROCHALCONE)	>200	3811	20702-77-6
✓	✓	A59007	NERAL STANDARD 88% (NATURAL)	195	2303	5392-40-5
✓	✓	A59007R	NERAL REFINED 94/95% (NATURAL)	>200	2303	5392-40-5
✓	✓	A59060	NEROLIDOL PURE FCC	>200	2772	7212-44-4
✓	✓	A12768	NEROLIN BROMELIA CRYSTALS	N/A	2768	93-18-5
✓	✓	A52770	NEROL 98% FCC	>200	2770	106-25-2
✓	✓	A527701	NEROL SPECIAL FCC	>200	2770	106-25-2
✓	✓	A52773	NERYL ACETATE 98 FCC	>200	2773	141-12-8
✓	✓	A22776	NERYL FORMATE 95	>200	2776	2142-94-1
✓	✓	A59098	NOOTKETONE 65/70%	>200	3166	4674-50-4
✓	✓	A131661	NOOTKETONE 98%	>200	3166	4674-50-4
✓	✓	A53166	NOOTKETONE 50% (EX- GRAPEFRUIT OIL) (NATURAL)	>200	3166	4674-50-4
✓	✓	A13165N	NOOTKETONE 65/70% (EX- GRAPEFRUIT OIL) (NATURAL)	>200	3166	4674-50-4
✓	✓	A13581	OCTANOL-3		3581	589-98-0
✓	✓	A13583N	OCTANYL-3-ACETATE NATURAL		3582	
✓	✓	A13068	PARA TOLYL ALDEHYDE EXTRA	156	3068	104-87-0
✓	✓	A53561	PERILLA ACETATE (DIHYDRO CUMINYL ACETATE)	200	3561	15111-96-3
✓	✓	A12664	PERILLA ALCOHOL (DIHYDRO CUMINYL ALCOHOL)	200	2664	536-59-4
✓	✓	A13557	LAEVO PERILLA ALDEHYDE (DIHYDRO CUMINYL ALDEHYDE)	200	3557	2111-75-3
✓	✓	A12858	PHENYL ETHYL ALCOHOL EXTRA	>200	2858	60-12-8
✓	✓	A111643	PHENYL ETHYL-2 METHYLBUTYRATE (ROSE BUD ESTER)	200	3632	24817-51-4
✓	✓	A12864	PHENYL ETHYL FORMATE	>200	2864	104-62-1
✓	✓	A12862	PHENYL ETHYL ISOBUTYRATE	>200	2862	103-48-0
✓	✓	A13467	PRENOL (3-METHYL-2-BUTEN-1-OL)	115	3647	556-82-1
✓	✓	A21168	PRENYL ACETATE (3-METHYL-2-BUTENYL ACETATE)	122	N/A	1191-16-8
✓	✓	A12922	PROPENYL GUAETHOL (VANITROPE)	200	2922	94-86-0
✓	✓	A12952	3-PROPYLIDENE PHTHALIDE	200	2952	17369-59-4
✓	✓	A12588	RASPBERRY KETONE RECRYSTALLIZED (PARA HYDROXY PHENYL BUTANONE)	>200	2588	5471-51-2

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## LACTONES (continued)

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	15670	RHODINOL CA#100	>200	2980	N/A
✓	✓	15687	RHODINOL CLASSIQUE	200	2980	N/A
✓	✓	A53189	SINENSAL 18/20% EX ORANGE (NATURAL)	>200	2825	N/A
✓	✓	A53174	STRAWBERRY (4-HYDROXY-2,5-DIMETHYL-3(2H)-FURANONE) (20% SOLUTION IN PROPYLENE GLYCOL)	200	3174	3658-77-3
✓	✓	A13174	STRAWBERRY FURANONE (NATURAL) (15% SOLUTION IN PROPYLENE GLYCOL)	200	3174	3658-77-3
✓	✓	A73174	STRAWBERRY FURANONE (NATURAL) (15% SOLUTION IN ETHANOL)	70	3174	3658-77-3
✓	✓	A522481	TERPINENOL-4 95/96% FCC (NATURAL)	>200	2248	562-74-3
✓	✓	11081	TERPINENOL FRACTIONS (EX LIME OIL) (NATURAL)	173	N/A	N/A
✓	✓	A13045EU	ALPHA TERPINEOL (EU) (NATURAL)	191	3045	98-55-5
✓	✓	A13045	TERPINEOL SUPER FCC	191	3045	98-55-5
✓	✓	A12731N	THYMOL CRYSTALS (NATURAL)	>200	3066	89-83-8
✓	✓	A53443	VALENCENE 80/85% (NATURAL)	175	3443	4630-07-3
✓	✓	A13107	VANILLIN FCC	N/A	3107	121-33-5

## RARE CHEMICALS

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A12563	CIS-3-HEXENOL FCC	135	2563	928-96-1
✓	✓	A13564	CIS-3-HEXENOL 98% (NATURAL)	125	2563	928-96-1
✓	✓	A19016	CIS-3-HEXENYL (ETHYL) ACETAL	160	3775	28069-74-1
✓	✓	A13176	CIS-3-HEXENYL ACETATE FCC	128	3171	3681-71-8
✓	✓	A13176N	CIS-3-HEXENYL ACETATE 98% (NATURAL)	128	3171	3681-71-8
✓	✓	A13402	CIS-3-HEXENYL BUTYRATE	170	3402	16491-36-4
✓	✓	A13353	CIS-3-HEXENYL FORMATE	110	3353	33467-73-1
✓	✓	A13929	CIS-3-HEXENYL ISOBUTYRATE	160	3929	41519-23-7
✓	✓	A111641	CIS-3-HEXENYL ISOVALERATE	185	3498	35154-45-1
✓	✓	A111648	CIS-3-HEXENYL-2-METHYLBUTYRATE FCC	190	3497	53398-85-9
✓	✓	A111648N	CIS-3-HEXENYL 2 METHYLBUTYRATE (NATURAL)	190	3497	53398-85-9
✓	✓	A19020	CIS-3-HEXENYL BENZOATE	>200	3688	25152-85-6
✓	✓	A19021	CIS-3-HEXENYL SALICYLATE	>200	N/A	65405-77-8
✓	✓	A13465	CIS-6-NONENOL	>200	3465	35854-86-5
✓	✓	A12780	TRANS-2, CIS-6 NONADIENOL	200	2780	28069-72-9
✓	✓	A19022	TRANS-2, CIS-6 NONADIENYL ACETATE	200	N/A	68555-65-7
✓	✓	A12805	1-OCTEN-3 OL FCC (AMYL VINYL CARBINOL)	145	2805	3391-86-4
✓	✓	A13582	1-OCTEN-3-YL ACETATE FCC	190	3582	2442-10-6
✓	✓	A11164	1-PENTEN-3-OL	77	3584	616-25-1
✓	✓	A12562	TRANS-2-HEXENOL FCC	133	2562	928-95-0
✓	✓	A12564	TRANS-2-HEXENYL ACETATE FCC	130	2564	2497-18-9
✓	✓	A19015	TRANS-2-HEXENYL BUTYRATE	162	3926	53398-83-7
✓	✓	A18133	TRANS -2-HEXENYL SALICYLATE	200	N/A	68133-77-7

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## ALKENALS

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A12366	TRANS-2-DECENAL FCC	190	2366	3913-71-1
✓	✓	A12560	TRANS-2-HEXENAL FCC	109	2560	6728-26-3
✓	✓	A53218	TRANS-2-PENTENAL	82	3218	764-39-6
✓	✓	A13082	TRANS-2-TRIDECENAL	>200	3082	7774-82-5

## ALKADIENALS

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A13135	TRANS-2, TRANS-4 DECADIENAL 10%	>200	3135	2363-88-4; 77-93-0
✓	✓	A53164	TRANS-2, TRANS-4 HEPTADIENAL 10%	150	3164	4313-03-5
✓	✓	C:A13377	TRANS-2, CIS-6 NONADIENAL	181	3377	557-48-2

## ESTERS

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A13148	ETHYL TRANS-2, CIS-4 DECADIENOATE		>200	3148
✓	✓	A19135	ETHYL-3-HYDROXY BUTYRATE	134	3428	5405-41-4
✓	✓	A13545	ETHYL-3-HYDROXY HEXANOATE	195	3545	2305-25-1
✓	✓	A13343	ETHYL-3- METHYLTHIOPROPIONATE FCC	147	3343	13327-56-5
✓	✓	A12720	METHYL-3-METHYLTHIOPROPIONATE	162	2720	13532-18-8

## 2-METHYLBUTYRIC ACID & RELATED ESTERS

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A12695	2-METHYLBUTYRIC ACID PURE	176	2695	116-53-0
✓	✓	A12795	2-METHYLBUTYRIC ACID (NATURAL)	176	2695	116-53-0
✓	✓	A53102	3-METHYLBUTYRIC ACID (ISOVALERIC ACID) (NATURAL)	156	3102	503-74-2
✓	✓	A13393	BUTYL-2-METHYLBUTYRATE PURE	131	3393	15706-73-7
✓	✓	A12443	ETHYL-2-METHYLBUTYRATE PURE FCC	73	2443	7452-79-1
✓	✓	A52443	ETHYL-2-METHYLBUTYRATE (NATURAL)	75	2443	7452-79-1
✓	✓	A19025	HEXYL-2-METHYLBUTYRATE PURE	185	3499	10032-15-2
✓	✓	A12719	METHYL-2-METHYLBUTYRATE PURE	57	2719	868-57-5

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## MISC. SATURATED & UNSATURATED ACIDS

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A13169	TRANS-2-HEXENOIC ACID	>200	3169	13419-69-7
✓	✓	A13437	3-METHYL PENTANONIC ACID	185	3437	105-43-1

## PYRAZINES & PENTNOES

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A13126	2-ACETYL PYRAZINE FCC	>200	3126	22047-25-2
✓	✓	A13155	2-ETHYL,3-METHYL PYRAZINE FCC	138	3155	15707-23-0
✓	✓	A13132	2-ISOBUTYL 3-METHOXY PYRAZINE	176	3132	24683-00-9
✓	✓	A13183	METHYL METHOXY PYRAZINE (MIXED ISOMERS)	95	3138	68378-13-2
✓	✓	A13244	2,3,5 TRIMETHYL PYRAZINE FCC	130	3244	14667-55-1
✓	✓	A13237	2,3,5,6 TETRAMETHYL PYRAZINE FCC	>200	3237	1124-11-4

## THIAZOLES

Kosher	Halal	Item #	Description	Flash Point F	FEMA #	CAS #
✓	✓	A13205	4-METHYL-5-ACETOXY ETHYL THIAZOLE (SULFURYL ACETATE)	175	3205	656-53-1
✓	✓	A13204	4-METHYL-5-HYDROXY ETHYL THIAZOLE (SULFUROL)	185	3204	137-00-8
✓	✓	A13313	4-METHYL-5-VINYL THIAZOLE (VINYL SULFUROL)	200	3313	1759-28-0

### E-Cigarettes Warnings and Disclaimer:

The ingredients provided by Citrus and Allied have not been tested, nor have they been deemed safe, for inhalation or use in electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes or other similar devices (collectively "E-Cigarettes"). In supplying ingredients, Citrus and Allied instructs, and by receiving such ingredients recipient confirms, that the ingredients will not be used in connection with the manufacture and distribution of E-Cigarettes or any component thereof.