

# NATURAL AROMA CHEMICAL PRODUCT LIST

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Item #	Description	Flash Point F	FEMA #	CAS#
A12902	ALPHA PINENE FCC (REFINED) (NATURAL)	84	2902	80-56-8
A12055	ISO AMYL ACETATE (NATURAL)	77	2055	123-92-2
A12060	ISO AMYL BUTYRATE (NATURAL)	135	2060	106-27-4
A41010	ANETHOLE FCC (NATURAL)	>200	2086	4180-23-8
A12903	BETA PINENE FCC (REFINED) (NATURAL)	95	2903	127-91-3
A12221N	BUTYRIC ACID (NATURAL)	170	2221	107-92-6
92735	D'CARVONE 95% (NATURAL)	192	2249	N/A
A122491	LAEVO CARVONE 88/90% (NATURAL)	>200	2249	99-49-0
A12252	CARYOPHELLENE BETA FCC (NATURAL)	>200	2252	87-44-5
A12286N	CINNAMIC ALDEHYDE 98% (NATURAL)	>200	2286	104-55-2
A523991	CITRAL 95% (NATURAL)	>200	2303	5392-40-5
A523032	CITRAL EXTRA FCC (NATURAL)	195	2303	5392-40-5
A52307	CITRONELLAL 85/90% FCC (NATURAL)	165	2307	106-23-0
A2411	ESTRAGOLE EXTRA FCC (METHYL CHAVICOL) (NATURAL)	176	2411	140-67-0
A12414	ETHYL ACETATE (NATURAL)	27	2414	141-78-6
A12427N	ETHYL BUTYRATE (NATURAL) FCC	78	2427	105-54-4
A12463	ETHYL ISOVALERATE (NATURAL)	90	2463	108-64-5
A12465	EUCALYPTOL FCC (NATURAL)	115	2465	470-82-6
A124671	EUGENOL 99/100% FCC (NATURAL)	>200	2467	97-53-0
A52831	GERANIOL EX PALMA ROSA (NATURAL)	>200	2507	106-24-1
A5914	GERANYL ACETATE 95/97% (FROM GERANIOL EX PALMA ROSA) (NATURAL)	>200	2509	105-87-3
A12175	ISOBUTYL ACETATE (NATURAL)	64	2175	110-19-0

## LACTONES

Item #	Description	Flash Point F	FEMA #	CAS#
A12361N	DELTA DECALACTONE (NATURAL)	>200	2361	705-86-2
A12401N	DELTA DODECALACTONE (NATURAL)	>200	2401	713-95-1
A52360	GAMMA DECALACTONE (NATURAL)	>200	2360	706-14-9
A12781N	GAMMA NONALACTONE (NATURAL)	>200	2781	104-61-0
A12796N	GAMMA OCTALACTONE (NATURAL)	>200	2796	104-50-7
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
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
A52668N	LAEVO MENTHYL ACETATE (NATURAL)	198	2668	16409-45-3
A58899	LAEVO MENTHYL LACTATE (NATURAL)	200	3748	59259-38-0

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## LACTONES (continued)

Item #	Description	Flash Point F	FEMA #	CAS#
A12656N	MALTOL (NATURAL)	>200	2656	118-71-8
A52682N	METHYL ANTHRANILATE (NATURAL)	>200	2682	134-20-3
A12698	METHYL CINNAMATE FCC (NATURAL)	>200	2698	103-26-4
A2143N	METHYL SALICYLATE 98% (NATURAL)	>200	2745	119-36-8
A12769	NARINGEN RECRYSTALLIZED (NATURAL)	N/A	2769	14259-46-2
A59007	NERAL STANDARD 88% (NATURAL)	195	2303	5392-40-5
A59007R	NERAL REFINED 94/95% (NATURAL)	>200	2303	5392-40-5
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
A13583N	OCTANYL-3-ACETATE NATURAL		3582	
A53189	SINENSAL 18/20% EX ORANGE (NATURAL)	>200	2825	N/A
A13174	STRAWBERRY FURANONE (NATURAL) (15% SOLUTION IN PROPYLENE GLYCOL)	200	3174	3658-77-3
A73174	STRAWBERRY FURANONE (15% SOLUTION IN ETHANOL) (NATURAL)	70	3174	3658-77-3
A522481	TERPINENOL-4 95/96% FCC (NATURAL)	>200	2248	
11081	TERPINENOL FRACTIONS (NATURAL) (EX LIME OIL)	173	N/A	
A13045EU	ALPHA TERPINEOL (EU) (NATURAL)	191	3045	98-55-5
A12731N	THYMOL CRYSTALS (NATURAL)	>200	3066	89-83-8
A53443	VALENCENE 80/85% (NATURAL)	175	3443	4630-07-3

## RARE CHEMICALS

Item #	Description	Flash Point F	FEMA #	CAS#
A13564	CIS-3-HEXENOL 98% (NATURAL)	125	2563	928-96-1
A13176N	CIS-3-HEXENYL ACETATE 98% (NATURAL)	128	3171	3681-71-8
A111648N	CIS-3-HEXENYL 2 METHYLBUTYRATE (NATURAL)	190	3497	53398-85-9

## 2-METHYLBUTYRIC ACID & RELATED ESTERS

Item #	Description	Flash Point F	FEMA #	CAS#
A12795	2-METHYLBUTYRIC ACID (NATURAL)	176	2695	116-53-0
A53102	3-METHYLBUTYRIC ACID (ISOVALERIC ACID) (NATURAL)	156	3102	503-74-2
A52443	ETHYL-2-METHYLBUTYRATE (NATURAL)	75	2443	7452-79-1

### 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.