

## Natural Aroma Chemicals

Common Name	FEMA	CAS
1-OCTANOL NATURAL	2800	111-87-5
1-OCTEN-3-OL NATURAL	2805	3391-86-4
1-PARA-MENTHENE-8-THIOL NATURAL	3700	71159-90-5
2,3,5-TRIMETHYLPYRAZINE NATURAL	3244	14667-55-1
2,4-DECADIENAL NATURAL	3135	2363-88-4
2,4-DITHIAPENTANE NAT.	3878	1618-26-4
2,5-DIMETHYL PYRAZINE NATURAL (PYRAZINES MIX. NO. 20, 16)	3272	123-32-0
2,6-DIMETHYL PYRAZINE NATURAL (PYRAZINES MIX. NO. 20, 16)	3273	108-50-9
2-ETHYL-3,6-DIMETHYL PYRAZINE NATURAL (PYRAZINES MIX. NO. 24, 36)	3149	55031-15-7
2-ETHYL-3-METHYL PYRAZINE NATURAL (PYRAZINE MIX. NO. 18)	3155	15707-23-0
2-ETHYL-5,6-DIMETHYL PYRAZINE NATURAL (PYRAZINES MIX. NO. 36)	4434	15707-34-3
2-ETHYL-5-METHYL PYRAZINE NATURAL (PYRAZINES MIX. NO. 22)	3154	13360-64-0
2-ETHYL-6-METHYL PYRAZINE NATURAL (PYRAZINES MIX. NO. 26, 22, 12)	3919	13925-03-6
2-ISOPROPYL-4-METHYL THIAZOLE NATURAL	3555	15679-13-7
2-METHYL BUTYL ACETATE NATURAL	3644	624-41-9
2-METHYL BUTYL ALCOHOL NATURAL	3998	137-32-6
2-METHYL BUTYRIC ACID NATURAL	2695	116-53-0
2-METHYL TETRAHYDROFURAN-3-THIOL NATURAL	3787	57124-87-5
2-METHYL-4-PROPYL-1,3-OXATHIANE NATURAL	3578	67715-80-4
3-ETHYL-2,6-DIMETHYL PYRAZINE NATURAL (PYRAZINES MIX. NO. 36, 24)	3150	13925-07-0
3-MERCAPTO HEXANOL NATURAL	3850	51755-83-0
3-MERCAPTO HEXYL ACETATE NATURAL	3851	136954-20-6
3-MERCAPTO HEXYL BUTYRATE NATURAL	3852	136954-21-7
3-METHYL-2,4-NONANEDIONE NAT.	4057	113486-29-6
3-METHYLTHIO HEXANAL NATURAL	3877	38433-74-8
3-METHYLTHIO HEXANOL NATURAL	3438	51755-66-9
3-METHYLTHIO HEXYL ACETATE NATURAL	3789	51755-85-2
3-OCTANOL NATURAL	3581	589-98-0
4-ACETOXY-2,5-DIMETHYL-3 (2H)-FURANONE NATURAL	3797	4166-20-5
4-HYDROXY-2,5-DIMETHYL-3(2H)-FURANONE NATURAL	3174	3658-77-3
4-MERCAPTO-4-METHYL-2-PENTANOL NATURAL	4158	31539-84-1
4-MERCAPTO-4-METHYL-2-PENTANONE NATURAL	3997	19872-52-7
4-TERPINEOL NATURAL	2248	562-74-3
5-METHYL FURFURAL NATURAL	2702	620-02-0
5-METHYL-2-HEPTEN-4-ONE NATURAL	3761	81925-81-7
6-Methyl-5-Hepten-2-one NATURAL	2707	110-93-0
ACETAL NATURAL	2002	105-57-7
ACETIC ACID NATURAL	2006	64-19-7
ACETONE NATURAL	3326	67-64-1

## Natural Aroma Chemicals

Common Name	FEMA	CAS
ACETOPHENONE NATURAL	2009	98-86-2
ALCOHOL C-10 NATURAL	2365	112-30-1
ALCOHOL C-6 (HEXANOL) NATURAL	2567	111-27-3
ALDEHYDE C-10 NATURAL	2362	112-31-2
ALDEHYDE C-12 LAURIC NATURAL	2615	112-54-9
ALDEHYDE C-6 NATURAL	2557	66-25-1
ALDEHYDE C-8 NATURAL	2797	124-13-0
ALDEHYDE C-9 (NONANAL) NATURAL	2782	124-19-6
ALLYL CAPROATE NATURAL	2032	123-68-2
ALPHA PINENE ,D- NATURAL	2902	7785-70-8
ALPHA PINENE ,L- NATURAL	2902	7785-26-4
ANETHOLE NATURAL	2086	4180-23-8
ANISYL ACETATE NATURAL	2098	104-21-2
ANISYL ACETONE NATURAL	2672	104-20-1
ANISYL ALCOHOL NATURAL	2099	105-13-5
ANISYL ALDEHYDE NATURAL	2670	123-11-5
BENZYL ACETATE NATURAL	2135	140-11-4
BENZYL ALCOHOL NATURAL	2137	100-51-6
BENZYL BENZOATE NATURAL	2138	120-51-4
BENZYL BUTYRATE NATURAL	2140	103-37-7
BETA IONONE NATURAL	2595	14901-07-06
BETA PINENE NATURAL	2903	18172-67-3
BETA-DAMASCENONE NATURAL	3420	23696-85-7
BORNEOL NATURAL	2157	507-70-0
BUTYRALDEHYDE, N-, NATURAL	2219	123-72-8
BUTYRIC ACID NATURAL	2221	107-92-6
CAMPHOR NATURAL	2230	464-49-3
CAPRIC ACID (DECANOIC) NATURAL	2364	334-48-5
CAPROIC ACID NATURAL	2559	142-62-1
CAPRYLIC ACID NATURAL	2799	124-07-2
CAMEL FURANONE (4,5-DIMETHYL-3-HYDROXY-2(5H)-FURANONE) NATURAL	3634	28664-35-9
CARVONE, D- NATURAL	2249	2244-16-8
CARVONE, L- NATURAL	2249	6845-40-1
CARYOPHYLLENE BETA NATURAL	2252	87-44-5
CINNAMIC ALCOHOL NATURAL	2294	104-54-1
CINNAMIC ALDEHYDE NATURAL	2286	104-55-2
CINNAMYL ACETATE NATURAL	2293	103-54-8
CIS-3-HEXENOL NATURAL	2563	928-96-1
CIS-3-HEXENYL ACETATE NATURAL	3171	3681-71-8
CIS-3-HEXENYL BUTYRATE NATURAL	3402	16491-36-4

## Natural Aroma Chemicals

Common Name	FEMA	CAS
CIS-3-HEXENYL HEXANOATE (CAPROATE) NATURAL	3403	31501-11-8
CITRAL NATURAL	2303	5392-40-5
CITRONELLAL NATURAL	2307	106-23-0
CITRONELLOL NATURAL	2309	106-22-9
CITRONELLYL ACETATE NATURAL	2311	150-84-5
CITRONYLLYL PROPIONATE NATURAL	2316	141-14-0
DELTA DECALACTONE NATURAL	2361	705-86-2
DELTA DODECALACTONE NATURAL	2401	713-95-1
DIALLYL DISULFIDE NATURAL	2028	2179-57-9
DIFURFURYL DISULFIDE NATURAL	3146	4437-20-1
DIMETHYL ANTHRANILATE NATURAL	2718	85-91-6
DIMETHYL DISULFIDE NATURAL	3536	624-92-0
DIMETHYL SULFIDE NATURAL	2746	75-18-3
ETHYL 3-(METHYL THIO) PROPIONATE NATURAL	3343	13327-56-5
ETHYL ACETATE NATURAL	2414	141-78-6
ETHYL ACETO ACETATE NATURAL	2415	141-97-9
ETHYL BENZOATE NATURAL	2422	93-89-0
ETHYL BUTYRATE NATURAL	2465	105-54-4
ETHYL CAPROATE (HEXANOATE) NATURAL	2439	123-66-0
ETHYL CAPRYLATE (OCTANOATE) NATURAL	2449	106-32-1
ETHYL CAPRYLATE (OCTANOATE) NATURAL	2449	106-32-1
ETHYL CINNAMATE NATURAL	2430	103-36-6
ETHYL DECANOATE (CAPRATE) NATURAL	2432	110-38-3
ETHYL FORMATE NATURAL	2434	109-94-4
ETHYL HEPTANOATE NATURAL	2437	106-30-9
ETHYL ISOBUTYRATE NATURAL	2428	97-62-1
ETHYL ISOVALERATE NATURAL	2463	108-64-5
ETHYL LACTATE NATURAL	2440	97-64-3
ETHYL LAURATE NATURAL	2441	106-33-2
ETHYL LEVULINATE NATURAL	2442	539-88-8
ETHYL MYRISTATE NATURAL	2445	124-06-1
ETHYL PALMITATE NATURAL	2451	628-97-7
ETHYL PELARGONATE (NONANOATE) NATURAL	2447	123-29-5
ETHYL PHENYL ACETATE NATURAL	2452	101-97-3
ETHYL PROPIONATE NATURAL	2456	105-37-3
ETHYL TRANS-2-CIS-4-DECADIENOATE NATURAL	3148	3025-30-7
ETHYL-2-METHYL BUTYRATE NATURAL	2443	7452-79-1
EUCALYPTOL NATURAL	2465	470-82-6
EUGENOL NATURAL	2467	97-53-0
EUGENYL ACETATE NATURAL	2469	93-28-7

## Natural Aroma Chemicals

Common Name	FEMA	CAS
FENCHYL ALCOHOL NATURAL	2480	1632-73-1
FORMIC ACID 80% NATURAL	2487	64-18-6
FURFURYL MERCAPTAN NATURAL	2493	98-02-2
FURFURYL THIOACETATE NATURAL	3162	13678-68-7
GAMMA DECALACTONE NATURAL	2360	706-14-9
GAMMA DODECALACTONE NATURAL	2400	2305-05-7
GAMMA HEXALACTONE NATURAL	2556	695-06-7
GAMMA NONALACTONE NATURAL	2781	104-61-0
GAMMA OCTALACTONE NATURAL	2796	104-50-7
GAMMA TERPINENE NATURAL	3559	99-85-4
GERANIOL NATURAL EX PALMAROSA	2507	106-24-1
GERANYL ACETATE NATURAL	2509	105-87-3
GERANYL BUTYRATE NATURAL	2512	106-29-6
GERANYL PROPIONATE NATURAL	2517	105-90-8
GUAIACOL NATURAL	2532	90-05-1
HEALINGWOOD		5986-55-0
HEPTYL ACETATE NATURAL	2547	112-06-1
HEXYL 2-METHYL BUTYRATE NATURAL	3499	10032-15-2
HEXYL ACETATE NATURAL	2565	142-92-7
HEXYL BUTYRATE NATURAL	2568	2639-63-6
HEXYL HEXANOATE (CAPROATE) NATURAL	2572	6378-65-0
HEXYL PROPIONATE NATURAL	2576	2445-76-3
INDOLE NATURAL	2593	120-72-9
ISOAMYL 2-METHYL BUTYRATE NATURAL	3505	27625-35-0
ISOAMYL ACETATE NATURAL	2055	123-92-2
ISOAMYL ALCOHOL NATURAL	2057	123-51-3
ISOAMYL BUTYRATE NATURAL	2060	106-27-4
ISOAMYL CAPROATE (HEXANOATE) NATURAL	2075	2198-61-0
ISOAMYL ISOBUTYRATE NATURAL	2060	106-27-4
ISOAMYL ISOVALERATE NATURAL	2085	659-70-1
ISOAMYL PROPIONATE NATURAL	2082	105-68-0
ISOBUTYL ACETATE NATURAL	2175	110-19-0
ISOBUTYL ALCOHOL NATURAL	2179	78-83-1
ISOBUTYL BUTYRATE NATURAL	2187	539-90-2
ISOBUTYL CAPROATE (HEXANOATE) NATURAL	2202	105-79-3
ISOBUTYL ISOVALERATE NATURAL	3369	589-59-3
ISOBUTYL PROPIONATE NATURAL	2212	540-42-1
ISOBUTYRALDEHYDE NATURAL	2220	78-84-2
ISOBUTYRIC ACID NATURAL	2222	79-31-2
ISOVALERALDEHYDE NATURAL	2692	590-86-3

## Natural Aroma Chemicals

Common Name	FEMA	CAS
ISOVALERIC ACID NATURAL	3102	503-74-2
LACTIC ACID NATURAL	2611	598-82-3
LAURIC ACID NATURAL	2614	143-07-7
LIMONENE ,D- NATURAL	2633	5989-27-5
LINALOOL NATURAL EX HO	2635	78-70-6
LINALOOL OXIDE NATURAL	3746	1365-19-1
LINALYL ACETATE NATURAL 98% MIN.	2636	115-95-7
MALTOL NATURAL	2656	118-71-8
MAPLE LACTONE NATURAL	2700	80-71-7
MASSOIA LACTONE NATURAL	3744	54814-64-1
MENTHOL, L-, NATURAL	2665	2216-51-5
MENTHONE, L- NATURAL	2667	89-80-5
MENTHYL ACETATE NATURAL	2668	16409-45-3
METHIONAL NATURAL	2747	3268-49-3
METHIONOL NATURAL	3415	505-10-2
METHIONYL ACETATE NATURAL	3883	16630-55-0
METHIONYL BUTYRATE NATURAL	4160	16630-60-7
METHYL 2-METHYLBUTYRATE NATURAL	2719	868-57-5
METHYL 3-METHYLTHIO PROPIONATE NATURAL	2720	13532-18-8
METHYL AMYL KETONE NATURAL	2544	110-43-0
METHYL BENZOATE NATURAL	2683	93-58-3
METHYL BUTYRATE NATURAL	2693	623-42-7
METHYL CAPROATE (HEXANOATE) NATURAL	2708	106-70-7
METHYL CINNAMATE NATURAL	2698	103-26-4
METHYL ETHYL KETONE (2-BUTANONE) NATURAL	2170	78-93-3
METHYL HEPTANOATE NATURAL	2705	106-73-0
METHYL HEPTENONE NATURAL	2707	110-93-0
METHYL HEPTYL KETONE (2-NONANONE) NATURAL	2785	821-55-6
METHYL HEXYL KETONE (2-OCTANONE) NATURAL	2802	111-13-7
METHYL NONYL KETONE (2-UNDECANONE) NATURAL	3093	112-12-9
METHYL PROPYL KETONE (2-PENTANONE) NATURAL	2842	107-87-9
METHYL SALICYLATE NATURAL	2745	119-36-8
METHYL THIO ISOVALERATE NATURAL	3864	23747-45-7
METHYL THIOBUTYRATE NATURAL	3310	2432-51-1
METHYL THIOHEXANOATE (CAPROATE) NATURAL	3862	20756-86-9
METHYL THIOPROPIONATE NATURAL	4172	5925-75-7
MYRCENE NATURAL	2762	123-35-3
MYRISTIC ACID (TETRADECANOIC) NATURAL	2764	544-63-8
N-BUTYL ACETATE NATURAL	2174	123-86-4
N-BUTYL ALCOHOL NATURAL	2178	71-36-3

## Natural Aroma Chemicals

Common Name	FEMA	CAS
N-BUTYL BUTYRATE NATURAL	2186	109-21-7
N-BUTYL ISOVALERATE NATURAL	2218	109-19-3
N-BUTYL LACTATE NATURAL	2205	138-22-7
NEROL NATURAL	2770	106-25-2
NEROLIDOL NATURAL	2772	7212-44-4
NERYL ACETATE NATURAL	2773	141-12-8
NOOTKATONE NATURAL	3166	4674-50-4
OCIMENE NATURAL	3539	13877-91-3
OCTYL ACETATE NATURAL	2806	112-14-1
OCTYL BUTYRATE NATURAL	2807	110-39-4
OLEIC ACID NATURAL	2815	112-80-1
ORTHO METHOXY CINNAMIC ALDEHYDE NATURAL	3181	1504-74-1
p-VINYL GUAIACOL 10% IN PG NATURAL	2675	7786-61-0
PALMITIC ACID (HEXADECANOIC) NATURAL	2832	57-10-3
PARA CYMENE NATURAL	2356	99-87-6
PELLANDRENE, ALPHA- NATURAL	2856	99-83-2
PHENYL ACETALDEHYDE NATURAL 10% IN ETHANOL	2874	122-78-1
PHENYL ETHYL ACETATE NATURAL	2857	103-45-7
PHENYL ETHYL ALCOHOL NATURAL	2858	60-12-8
PHENYL ETHYL ISOBUTYRATE NATURAL	2862	103-48-0
PHENYLPROPANAL, 3-, NATURAL	2887	104-53-0
PRENYL MERCAPTAN NATURAL	3896	5287-45-6
PROPIONALDEHYDE NATURAL	2923	123-38-6
PROPIONIC ACID NATURAL	2924	79-09-4
PROPYL ACETATE, N- NATURAL	2925	109-60-4
PROPYL ALCOHOL, N- NATURAL	2928	71-23-8
PROPYL BUTYRATE, N- NATURAL	2934	105-66-8
PROPYL CAPROATE (HEXANOATE), N- NATURAL	2949	626-77-7
PROPYL PROPIONATE NATURAL	2958	106-36-5
PYRAZINES MIX. NO.10 NATURAL	3149	55031-15-7
PYRAZINES MIX. NO.12 NATURAL	3919	13925-03-6
PYRAZINES MIX. NO.14 NATURAL	3149	55031-15-7
PYRAZINES MIX. NO.16 NATURAL	3272	123-32-0
PYRAZINES MIX. NO.18 NATURAL	3244	14667-55-1
PYRAZINES MIX. NO.20 NATURAL	3272	123-32-0
PYRAZINES MIX. NO.22 NATURAL	3154	13360-64-0
PYRAZINES MIX. NO.24 NATURAL	3149	55031-15-7
PYRAZINES MIX. NO.26 NATURAL	3919	13925-03-6
PYRAZINES MIX. NO.36 NATURAL	3149	55031-15-7
RASPBERRY KETONE NATURAL	2588	5471-51-2

## Natural Aroma Chemicals

Common Name	FEMA	CAS
RHODINOL NATURAL	2980	141-25-3
ROSE OXIDE NATURAL	3236	16409-43-1
STEARIC ACID NATURAL	3035	57-11-4
STYRALLYL ACETATE NATURAL	2684	93-92-5
TERPINEOL ALPHA, NATURAL	3045	98-55-5
TERPINOLENE NATURAL	3046	586-62-9
THIALDINE NATURAL	4018	638-17-5
THIO MENTHONE NATURAL	3177	38462-22-5
THYMOL, CRYSTALS NATURAL	3066	89-83-8
TRANS-2, CIS-6-NONADIENAL NAT. 1% IN ETOH	3377	557-48-2
TRANS-2-HEXENAL NATURAL	2560	6728-26-3
TRANS-2-HEXENOL NATURAL	2562	2305-21-7
TRANS-2-HEXENYL ACETATE NATURAL	2564	2497-18-9
VALENCENE NATURAL	2824	8028-48-6
VANILLIN EX VANILLA BEANS NATURAL	3107	121-33-5
VANILLIN NATURAL EX EUGENOL	3107	121-33-5
VANILLIN NATURAL EX FERULIC ACID	3107	121-33-5
VANILLYL ALCOHOL NATURAL	3737	498-00-0
VANILLYL ETHYL ETHER NATURAL	3815	13184-86-6