

GRAU AROMATICS GMBH & CO. KG

BISMARCKSTR. 4 • D- 73525 SCHWÄBISCH GMÜND

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EMAIL: INFO@GRAU-AROMATICS.DE • INTERNET: WWW.GRAU-AROMATICS.DE



ALCOHOLS AND CARBOXYLIC ACIDS

PRODUCT LIST

DATE: 22.02.2007

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IN EXPLANATION OF OUR ABBREVIATIONS:

SC	CONDITIONS OF SALE: NP = STANDARD PRODUCT (AS A RULE AVAILABLE EX STOCK IN QUANTITIES OF 1KG, 5KG,...) NP2 = STANDARD PRODUCT (AS A RULE AVAILABLE EX STOCK IN QUANTITIES OF 5KG, 10KG,...) SP1 = SPECIAL PRODUCT (PRODUCTION ONLY AGAINST FIRM ORDER IN QUANTITIES OF 1KG, 5KG,...) SP2 = SPECIAL PRODUCT (PRODUCTION ONLY AGAINST FIRM ORDER IN QUANTITIES OF 5KG, 10KG,...) SP3 = SPECIAL PRODUCT (PRODUCTION ONLY AGAINST FIRM ORDER IN QUANTITIES OF 10KG, 25KG,...) SP4 = SPECIAL PRODUCT (PRODUCTION ONLY AGAINST FIRM ORDER IN QUANTITIES OF 25KG, 50KG,...) SP5 = SPECIAL PRODUCT (PRODUCTION ONLY AGAINST FIRM ORDER IN QUANTITIES OF 50KG, 100KG,...) AS LONG AS WE HAVE A REMAINING STOCK OF THE ABOVE SPECIAL PRODUCTS, WE WILL SELL THEM IN ANY OF OUR STANDARD QUANTITIES OF 1KG, 5KG, 10KG, 25KG, 50KG, 100KG, 170KG
“*” (AS MARK AFTER PRODUCT NAME)	AFTER SALE ONLY AVAILABLE AS CUSTOM SYNTHESIS, IF RAW MATERIAL AVAILABLE
FP	FLASH POINT (DEGREES CENTIGRADE – CLOSED CUP METHOD)
STATUS	F = FLAVOUR MATERIAL P = FRAGRANCE MATERIAL 1 = NATURAL FLAVOURS AND NATURAL FLAVOURING SUBSTANCES 2 = NATURE IDENTICAL FLAVOURING SUBSTANCES 3 = ARTIFICIAL FLAVOURING SUBSTANCES
FEMA	FEMA-GRAS LIST NUMBERS
FDA	FOOD AND DRUG ADMINISTRATION LIST NUMBER (TITLE 21/CODE OF FEDERAL REGULATIONS/U.S.A.)
COE	COUNCIL OF EUROPE LIST NUMBER
CAS	CHEMICAL ABSTRACTS NUMBER

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TOSCA	TOXIC SUBSTANCES CONTROL ACT
EINECS	EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES
K	KOSHER CERTIFICATE AVAILABLE (RABBINICALLY ATTESTED)
IFRA	RECOMMENDATIONS OF THE INTERNATIONAL FRAGRANCE ASSOCIATION FOR THE SAFE USE OF RESTRICTED FRAGRANCE MATERIALS
RIFM	RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS
M	MONOGRAPH AVAILABLE BY RIFM
C	THE PRODUCT IS NOT RESTRICTED BY IFRA
CUSTOMS NO.	INTERNATIONAL CUSTOMS IDENTIFICATION NUMBER FOR IMPORT/EXPORT

CONDITIONS OF SALE:

PRICES	GENERALLY OUR PRICES ARE QUOTED IN EUR/KG EX WORKS, CUSTOMS UNPAID.THE PRICES ARE EFFECTIVE FOR THE CURRENT YEAR. HOWEVER WE RESERVE THE RIGHT TO INCREASE ANY INDIVIDUAL PRICE, IF PRODUCTION COSTS INCREASE.
SMALL QUANTITIES	ORDERS OF LESS THAN ONE KILO WILL BE ACCEPTED BUT WILL INVOLVE AN ADDITIONAL CHARGE OF EUR 25,-- PER ITEM
LARGE QUANTITIES	PLEASE INQUIRE BULK PRICES FOR QUANTITIES OF MORE THAN 2 DRUMS (> 340KG) WITHIN ONE ORDER
KOSHER CERTIFICATE	FOR AROMA CHEMICALS WITH AN OFFICIAL RABBINICAL CERTIFICATE WE HAVE TO INVOICE AN EXTRA CHARGE OF 3%.

ODOR DESCRIPTION FOR OUR FRAGRANCE MATERIALS:

MORE INFORMATION IS AVAILABLE WITH OUR DATA SHEETS FOR EACH PRODUCT

DATE: 22.02.2007

Perfumery and Flavour Chemicals Product List



Art.-No.	Product Name	K	SC	FP	TOSCA	EINECS	Status	FEMA	FDA	COE	CAS	IFRA/RIFM	Customs No.
160041	AMYL ALCOHOL (1-PENTANOL) FCC	YES	SP2	49	YES	YES	F P 2	2065	172.515	514	71-41-0	C/--	2905 1900
180063	BENZOIC ACID	YES	SP2	122	YES	YES	F P 2	2131	1841021	21	65-85-0	C/M	2916 3100
160071	BENZYL ALCOHOL	YES	SP2	101	YES	YES	F P 2	2137	172.515	58	100-51-6	C/M	2906 2100
160081	BUTANOL-1	YES	SP2	35	YES	YES	F P 2	2178	172.515	52	71-36-3	C/--	2905 1300
180101	BUTYRIC ACID	YES	SP2	69	YES	YES	F P 2	2221	182.60	5	107-92-6	C/M	2915 6019
180182	CAPRIC ACID (DECANOIC ACID)	YES	SP2	150	YES	YES	F P 2	2364	172.860	11	334-48-5	C/M	2915 9080
180121	CAPROIC ACID	YES	SP2	104	YES	YES	F P 2	2559	172.515	9	142-62-1	C/M	2915 9080
180172	CAPRYLIC ACID (OCTANOIC ACID)	YES	SP2	130	YES	YES	F P 2	2799	1841025	10	124-07-2	C/M	2915 9080
180133	CROTONIC ACID (2-BUTENOIC ACID)	YES	SP1	89	YES	YES	F P 2	3908		10080	3724-65-0	C/M	2916 1940
160021	DECANOL-1 FCC	YES	SP2	95	YES	YES	F P 2	2365	172.515	73	112-30-1	C/M	2905 1900
180022	FORMIC ACID	YES	SP2	48	YES	YES	F - 2	2487	172.515	1	64-18-6	C/--	2915 1100
180332	HEPTANOIC ACID	YES	SP2	118	YES	YES	F P 2	3348	173.315	28	111-14-8	C/--	2915 9080
160141	HEPTANOL-1 FCC	YES	SP2	75	YES	YES	F P 2	2548	172.515	70	111-70-6	C/M	2905 1900
160421	HEXANOL-1 FCC	YES	SP2	61	YES	YES	F P 2	2567	172.515	53	111-27-3	C/M	2905 1900
151112	HEXEN-3-OL-1, cis	YES	SP1	58	YES	YES	F P 2	2563	172.515	750	928-96-1	C/M	2905 2990
160151	ISOAMYL ALCOHOL (3-METHYLBUTANOL-1)	YES	SP2	45	YES	YES	F P 2	2057	172.515	51	123-51-3	C/M	2905 1900
160161	ISOBUTANOL (ISOBUTYL ALCOHOL)	YES	SP2	28	YES	YES	F P 2	2179	172.512	49	78-83-1	C/--	2905 1490
180232	ISOBUTYRIC ACID	YES	SP2	59	YES	YES	F P 2	2222	172.515	6	79-31-2	C/--	2915 6019
160442	iso-TRIDECYL-ALCOHOL (FIXATEUR ITC)	NO	SP2	118	YES	YES	P 3				68526-86-3	C/--	2905 1900

Perfumery and Flavour Chemicals Product List



Art.-No.	Product Name	K	SC	FP	TOSCA	EINECS	Status	FEMA	FDA	COE	CAS	IFRA/RIFM	Customs No.
180242	ISOVALERIC ACID FCC	YES	SP2	74	YES	YES	F P 2	3102	172.515	8	503-74-2	C/M	2915 6090
180262	LACTIC ACID 80 %	YES	SP2	> 110	YES	YES	F P 2	2611	1841061	4	79-33-4	C/--	2918 1100
180292	LAURIC ACID	YES	SP2	156	YES	YES	F P 2	2614	172.860	12	143-07-7	C/--	2915 9010
160542	LAURYL ALCOHOL	YES	SP2	119	YES	YES	F P 2	2617	172.515	56	112-53-8	C/M	2905 1700
180282	LEVULINIC ACID	YES	SP5	137	YES	YES	F P 2	2627	172.515	23	123-76-2	C/M	2918 3000
160241	METHYL-2-BUTANOL-1	YES	SP2	42	YES	YES	F P 2	3998		2346	137-32-6	C/--	2905 1900
180302	METHYL-2-BUTYRIC ACID FCC	YES	SP1	77	YES	YES	F P 2	2695	172.515	2002	116-53-0	C/--	2915 6090
180322	METHYL-2-VALERIC ACID FCC	YES	SP1	91	YES	YES	F P 2	2754	172.515	2754	97-61-0	C/M	2915 9080
180603	MYRISTIC ACID	YES	SP2	175	YES	YES	F P 2	2764	172.860	16	544-63-8	C/--	2915 9080
160431	OCTANOL-1 FCC	YES	SP2	82	YES	YES	F P 2	2800	172.515	54	111-87-5	C/M	2905 1680
180672	PELARGONIC ACID (NONANOIC ACID)	YES	SP2	ca. 140	YES	YES	F P 2	2784	172.515	29	112-05-0	C/M	2915 9080
160271	PHENYLETHYL ALCOHOL	YES	SP2	102	YES	YES	F P 2	2858	172.515	68	60-12-8	C/M	2906 2900
160291	PROPANOL-1	YES	SP2	15	YES	YES	F P 2	2928	172.515	50	71-23-8	C/--	2905 1200
180382	PROPIONIC ACID	YES	SP2	50	YES	YES	F P 2	2924	1841081	3	79-09-4	C/--	2915 5000
180532	VALERIC ACID FCC	YES	SP2	86	YES	YES	F P 2	3101	172.515	7	109-52-4	C/--	2915 6090
160281	VERTENOL (PRENOL)	YES	SP2	51	YES	YES	F P 2	3647		11795	556-82-1	C/M	2905 2990