



JAYSHREE AROMATICS PVT LTD

(100% EOU)

(Manufacturers of Aromatics & Fine Chemicals)

PLOT NO.: 4705/1/3, G.I.D.C., ANKLESHWAR- 393 002,
DI5T. BHARUCH, (GUJARAT) INDIA

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PRODUCT INFORMATION

BENZYL FORMATE

1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name:- BENZYL FORMATE

Chemical Name of Active Ingredient(s) :-
BENZYL METHANOATE

Manufacturer : Jayshree Aromatics Pvt Ltd
,plot no..4705/1/3 GIDC Estate, Ankleshwar-393002.
District Bharuch . Gujarat.
Phone no. 91-2646-22411
Fax- 91-2646-252718
Email : info@jayshreeind.com

Emergency Telephone number:-
Ankleshwar-91-2646-224211
Cell phone -09825031954

2.0 PRODUCT IDENTIFICATION & COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms :-

Benzyl formate
4-06-00-02262 (Beilstein Handbook Reference)
A13-02951
Ameisensaurebenzylester
BRN 2041319
Benzyl alcohol, formate
Benzyl formate
Benzyl formiat
Benzyl methanoate
Benzylester kyseliny mravenci
Benzylester kyseliny mravenci [Czech]
Formic acid, benzyl ester
Formic acid, phenylmethyl ester
NSC 8049

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance: - Clear Colorless Liquid...

Occurrence in nature:-However ,it is a Synthesized chemical

Odor description: - Strong, Floral, Fruity, rasp- & blueberry-like, Green, Herbaceous-Earthy, Jasmine, Tea.

Flavor: - Very sweet taste, more fruity than floral, spicy Banana-type.

Solubility:- 1:2 in 80% Alcohol

Relative Density@20°C:- 1.0820~1.0940

Refractive Index@20°C :- 1.5050~1.5150

Halogen Content:- free

% volatile by volume:- 100%

Ester Content:-Not less than 98%

Typical Purity(GC) :- Not less than 95%

Acid Value:- Not more than 2

Boiling point:- 203°C Atmospheric

Phenylmethyl formate
UNII-79GJF97O0Y
Formic acid, benzyl ester
Formic acid, phenylmethyl ester
Benzyl Methanoate
Methyl Phenyl Methanoate

CAS No. 104-57-4

Molecular wt :- 136.15

FEMA No. :- 2145

EINECS :- 203-214-4

CoE :- 344

USA Food & Drug Act Title 21 CFR Paragraph
172.515

JECFA number 841

FL Number 09.077

Chemical Formula :- C₈ H₈ O₂

HS No. :- 2915 13 0000

Beilstein Number/ /Gmelin 2041319

MDL number: MFCD00014128

PubChem Substance ID 24900883

RTECS : LQ5400000

WHMIS (Canada):

MERCK : 14,1134

UN (DOT) : 1993

BEILSTEIN REFERENCE
4-06-00-02262

CANADA DSL/NDL DSL

US TSCA Listed

AUSTRALIA AICS Listed

NEW ZEALAND Listed

Melting Point:- -

Vapor density (Air=1) :-> 1

Flash Point:-> 82°C

4.0 OTHER INFORMATION

Standard Packing size:-5.0 kgs,35 kgs &215kgs

Packing material compatibility details:-

Compatible with MS ,lacquered line,
Good HDPE, Galvanized
Iron drums, HDPE Carboys, Aluminium Cans.

Head Space:-As low as possible

Product Use: - Used quite frequently in perfume compositions, for floral bases such as Jasmine, Gardenia, Neroli, Hyacinth, Carnation, and also in Fougères.

Benzyl formate can be used as a solvent for nitrification of cellulose and cellulose acetate. used for allocating various flavor, such as meat smell, orange flower mix and sweet, hyacinth essence; planting flowers, etc. Also it has been used for modulation flavor.

Used in flavor compositions for imitation Apricot, Banana, Cherry, Chocolate, Honey, Liquor, Nut, Peach, Plum, Prune, Pineapple,etc. used for allocating various flavor, such as meat smell, orange flower mix and sweet, hyacinth essence; planting flowers, etc. Also it has been used for modulation flavor.

Tenacity:->7 HRS

Use Level:- fragrance up to 3 %
Flavors up to 20 PPM

Stability: - Keep in tightly closed container in a cool and dry place, protected from light.

When stored for more than 12 months quality should be checked before use...

JAPAN ENCS (MITI) Listed

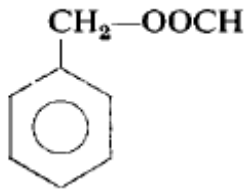
KOREA ECL Listed

PHILIPPIENS PICCS Listed

FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 1.53

WGK Germany : 1



PH 1	-	ANTIPERSPIRANT	+
PH 2	-	FABRIC SOFTENER	++
PH 3	+	ALCOHOLIC LOTION	++
PH 4	++	HAND CREAM	++
PH 5	++	LIQUID DETERGENT	++
PH 6	++	SHAMPOO	++
PH 7	++	AEROSOL	++
PH 8	++	FOAM BATH	++
PH 9	+	BLEACHING AGENT	-
PH 10	+	TALCUM	++
PH 11	-	SOAP	+
PH 12	-	HARD SURFACE CLEANER	-
ACID CLEANER LIQUID	-	DETERGENT (+TAED)	-
ACID CLEANER SOLID	-	DETERGENT PERBORATE	+
TILE CLEANER	+	SOFTENING AGENT	++
CREAM RINSE	++	COLD WAVE	-
DEO STICK	++		

Also level of metals as follows

Copper <30ppm

Arsenic <1.1 ppm

Tin <250ppm

Zinc <50ppm

Cadmium <1.5 ppm

Mercury 1 PPM

Lead <2.5 PPM

Methyl Mercury calculated as element <0.25 ppm