



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 ISO AMYL FORMATE

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

Product Name:-

Chemical Name of Active Ingredient(s) :-

3-METHYLBUTYL FORMATE

Manufacturer : Jayshree Aromatics Pvt Ltd plot
no..4705/1/3 GIDC Estate, Ankleshwar-393002.

District Bharuch. Gujarat.

Phone no. 91-2646-22411

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Email : info@jayshreeind.com

Emergency Telephone number:-

Ankleshwar-91-2646-224211

Cell phone -09825031954

2.0 PRODUCT IDENTIFICATION & COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms.

Isoamyl formate

1-Butanol, 3-methyl-, formate

3-Methyl-1-butyl formate

3-Methylbutyl formate

4-02-00-00030 (Beilstein Handbook Reference)

AI3-15291

BRN 1739893

Formic acid, isopentyl ester

Isoamyl formate

Isoamyl methanoate

Isopentyl alcohol, formate

Isopentyl formate

Isopentyl methanoate

NSC 6530

UNII-50L53EN043

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance :- clear mobile colorless liquid

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

Odor description: - Pungent
fruity,earthy,ethereal,vinous
Waxy ,Like Green Apple, Plum black currant,
Banana

Flavors:- Sharp, green, apple and fruity with winey,
fatty notes

Solubility:- 1:5 in 70% Alcohol

Relative Density@20°C 0.870 To 0.8850

Relative Density@25°C 0.8570 To 0.8850

Density : 880 kg/m³

RefractiveIndex@20°C :- 1,3950 to 1.4010

% volatile by volume:- 100%

Ester Content:- > 97%

Typical Purity(GC) :- > 97%

Acid Value:- < 3

Boiling point:- 122 °C

Melting Point :- -93 °C

Vapor density (Air=1) :- 4

CAS No. 110-45-2

Molecular wt :- 116.16

FEMA No. :- 2069

EINECS :- 203-769-2

CoE :- 500

USA Food & Drug Act Title 21 CFR Paragraph
172.515

JECFA number 42

FL Number 09.162

Chemical Formula :- C6 H12 O2

HS No. :- 2915 13 0000

Beilstein Number/ /Gmelin 1739893

MDL number: MFCD00021049

PubChem Substance ID 24900836

NIH PubChem CID : 8052

RTECS : NT0185000

WHMIS (Canada): Not Available

MERCK : 12,5133

UN (DOT) : 1109

BEILSTEIN REFERENCE 4-02-00-00030

CANADA DSL/NDL DSL

US TSCA Listed

AUSTRALIA AICS Listed

NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

KOREA ECL Listed

PHILIPPIENS PICCS Listed

Flash Point:- >25 °C

Solubility in water : Slightly soluble 0.3%

4.0 OTHER INFORMATION

Standard Packing size:-5.0 kgs,30 kgs &185 kgs

Packing material compatibility details:-

Compatible with M.S, Lacquered lined, Good HDPE, Galvanized Iron drums, HDPE Carboys, Aluminium Cans.

Head Space:-As low as possible

Product Use :- This ester is used in perfume compositions for top note effect, also used in cosmetic perfumery.

The ester is used widely in flavor compositions for imitation Apple, Banana, black current, apricot, cherry, peach, pine apple, plum, strawberry etc, widely used in alcoholic beverages, hard fruits, soft fruits, artificial fruit syrups

Tenacity:-< 4 Hour

Use Level: - Fragrance 5% Flavors up to 250 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...

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	+		

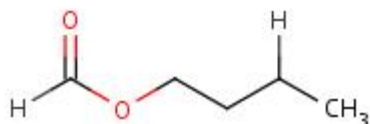
FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 1.72

Swiss Giftliste 1 : G-5469

WGK Germany : 1

JAPL CODE OF PRODUCT : I0027



Also level of metals as follows

Copper <20ppm

Arsenic <1.1 ppm

Tin <250ppm

Zinc <40ppm

Cadmium <1 ppm

Mercury 1 PPM

Lead <1 PPM

Methyl Mercury calculated as element <0.25 ppm