



JAYSHREE AROMATICS PVT LTD

(100% EOU)

(Manufacturers of Aromatics & Fine Chemicals)

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

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PRODUCT INFORMATION ISO AMYL BUTYRATE

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

Product Name:- ISO AMYL BUTYRATE

Chemical Name of Active Ingredient(s) :- 3-METHYLBUTYL BUTANOATE,

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.

Isoamyl butyrate
3-Methylbutyl butanoate
3-Methylbutyl butyrate
4-02-00-00791 (Beilstein Handbook Reference)
AI3-06126
BRN 1702557
Butanoic acid, 3-methylbutyl ester
Butyric acid, isopentyl ester
CCRIS 6556
Isoamyl butanoate
Isoamyl butyrate
Isoamyl butyrate (natural)
Isoamyl-n-butyrate
Isopentyl alcohol, butyrate

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance :- clear oily colorless liquid

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

Odor description:- strong, diffusive, fruity, Green, banana, pear, peach, Cherry, Estery, Rum, Fresh, fermenty; apricot , pineapple, Sweet –like chocolate and cognac. The Product is having tropical, apple and melon- & tutti frutti notes

Flavours:- --- Sweet ,Estery, fruity, melon , berry Waxy, green apple, banana- and pear-like notes.

Solubility:- 1:4 in 70% Alcohol

Relative Density@20°C 0,861 - 0,868

Refractive Index@20°C :- 1,4090 - 1,4140

% volatile by volume:- 100%

Ester Content:- >99.5%

Typical Purity(GC) :- >99.5 sum of isomers
Iso amyl butyrate >99%

Acid Value:- < 1

Boiling point:- 184 degree centigrade

Melting Point -73.2°C

Vapor density (Air=1) :- 5.5

Flash Point:- >58

Isopentyl butanoate
Isopentyl butyrate
NSC 6548
UNII-505AFM77VU

CAS No. 106-27-4

Molecular wt :- 158.24

FEMA No. :- 2060

EINECS :- 203-380-8

CoE :- 282

USA Food & Drug Act Title 21 CFR Paragraph
172.515

JECFA number 45

FL Number 09.055

Chemical Formula :- C₉ H₁₈ O₂

HS No. :- 2915601000

Beilstein Number/ /Gmelin 1702557

MDL number: MFCD00044888

PubChem Substance ID 24900828

RTECS : ET5034000

WHMIS (Canada):

MERCK : 12,5129

UN (DOT) : 2620

BEILSTEIN REFERENCE 4-02-00-00791

CANADA DSL/NDL DSL

US TSCA Listed

AUSTRALIA AICS Listed

NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

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 Carbouys, Aluminium Cans.

Head Space:-As low as possible

Product Use: - in fruity compounds for all purposes,
Occasionally used to impart "lift" to perfumes and to modify
creamy notes with Amyl phenyl acetate, Vanillin, etc.
Used in cosmetic applications.
Also used as solvent & plasticizer for cellulose acetate

Extensively used in flavor compositions. This ester may
constitute a large percentage of many fruit flavors, such as:
imitation Apricot, Banana, Cherry, Peach, Apple, Grape,
Hard fruits, Soft fruits, Tomato, Strawberry, "Tutti--fruity",
etc. and in Butter, Butterscotch, Chocolate, etc, used in
manufacturing artificial rum & fruit essences. Useful in:
dairy, fruity red, fruity yellow, fruity tropical, fruity others.

Tenacity:-< 2 HRS

Use Level:- Fragrance up to 8 %
Flavors up to 570 PPM.

Stability: - Keep in tightly closed container in a cool and dry
place, protected from light.
When stored for more than 12 month's quality should be
checked before use.

KOREA ECL Listed

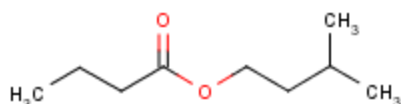
PHILIPPIENS PICCS Listed

FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 3.15

JAPL CODE OF PRODUCT : I0005

Structure:-



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