



# 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 ACETATE

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

Product Name:- ISO AMYL ACETATE

Chemical Name of Active Ingredient(s) :-  
3-METHYL-1-BUTYL ACETATE

Manufacturer : Jayshree Aromatics Pvt Ltd  
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Cell phone -09825031954

### **2.0 PRODUCT IDENTIFICATION & COMPOSITION/INFORMATION ON INGREDIENTS**

Synonyms :-

1-Butanol, 3-methyl-, acetate  
3-Methyl-1-butanol acetate  
Isoamyl acetate  
1-Butanol, 3-methyl-, acetate  
2-Methylbutyl ethanoate  
3-Methyl-1-butanol acetate  
3-Methyl-1-butyl acetate  
3-Methylbutyl acetate  
3-Methylbutyl ethanoate  
4-02-00-00157 (Beilstein Handbook Reference)  
A13-00576  
Acetic acid, 3-methylbutyl ester  
Acetic acid, isopentyl ester  
Amyl acetate, common  
Amyl acetic ester  
BRN 1744750  
Banana oil

### **3.0 PHYSICAL CHEMICAL PROPERTIES**

Appearance :- clear colorless liquid

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

Odor description:- strong, Intensive fresh, sweet, Estery,  
fruity, reminis-cent of pears and bananas when diluted

Flavor : - Bergamot-pear-like taste, also reminiscent of  
overripe Banana, Apple, etc...

Solubility:- Partially soluble in water: 0,2% (20°C),  
Soluble in 1:3 60% alcohol

Relative Density@20°C:- 0.868~0.878

Refractive Index@20°C :- 1.4000~1.4040

% volatile by volume:- 100%

Ester Content:-Not less than 99%

Typical Purity(GC) :- Not less than 99%

Acid Value:- Not more than 1

Boiling point:-142°C at Atmospheric

Melting Point:- -79 °C

Vapor density (Air=1) :-> 1

Flash Point:-> 37°C

CCRIS 6051

HSDB 1818

I-Amyl acetate

In Commercial practice amyl invariably means isoamyl, unless it is prefaced by the n- for normal

Isoamyl acetate

Isoamyl acetate (natural)

Isoamyl ethanoate

Isoamylester kyseliny octove

Isoamylester kyseliny octove [Czech]

Isopentyl acetate

Isopentyl alcohol, acetate

Isopentyl ethanoate

NSC 9260

Pear oil

UNII-Z135787824

beta-Methyl butyl acetate

Pentyl acetate, all isomers

Pear ether

3-Methyl butyl ester acetic acid

3-Methyl butyl ester of acetic acid

Iso Amyl alcohol acetate

Iso Pentyl ester acetic acid

1-acetoxy-3-methylbutane

Amyl acetate ester

CAS No. 123-92-2

Molecular wt :- 130.18

FEMA No. :- 2055

EINECS :- 204-662-3

CoE :- 214

USA Food & Drug Act Title 21 CFR Paragraph  
172.515

JECFA number 43

EU Annex :607-130-00-2

FL Number 09.024

Beilstein Number 1744750

Chemical Formula :- C<sub>7</sub>H<sub>14</sub>O<sub>2</sub>

RTECS : NS9800000

HS No. :- 2915399000

MERCK : 12,5125

#### **4.0 OTHER INFORMATION**

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

Packing material compatibility details:-

Compatible with Good HDPE, Galvanized

Iron drums, HDPE Carboys, Aluminum Cans .MS  
lacquered lined.

Head Space:-As low as possible

Product Use :-\_Occasionally used -in mere traces - in  
perfumery for ` lift ' to heavy-oriental fragrances, floral, as  
top note in fruity

(Banana) compounds for all purpose

Used in nail polish remover and in nail polish as a solvent

On account of its relatively low aroma-power, this ester often  
constitutes 10-20 or 40~ of the entire amount of flavor  
ingredients in a formula

Used in Photographic films,Celluloid,Cements,Waterproof  
varnishes, masking agent for undesirable odours,bronzing  
liqs,metallic paints, solvent for oil colours,tannins,  
nitrocellulose,lacquers,celluloid,

Camphor,Resins,Waxes,,cosmetics,Perfuming shoe polish,  
artificial silk manufacturing, Leather, Pearls, Dyeing &  
Finishing textiles etc

Swelling bath sponges

Used as SyntheticFlavouring agent & fragrance in food &  
pharmaceuticals, Pear Flavour alcoholic solution in  
minimum water, Syrups. Alcoholic Beverages, Apple,  
Apricot, Banana, Cherry, Chocolate, Coco On account of its  
relatively low aroma-power, this ester often constitutes 10-  
20 or 40~ of the entire amount of flavor ingredients in a  
formula a, Dairy products, Hard Fruits, Soft drinks Etc.

Tenacity:->1 HRS

Use Level:- fragrance up to 20%

Flavour 2700 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.

**UN (DOT) :** 1104

**BEILSTEIN REFERENCE** 4-02-00-00157

**SWISS GIFTLISTE 1** G-1124

**CANADA DSL/NDL** DSL

**US TSCA** Listed

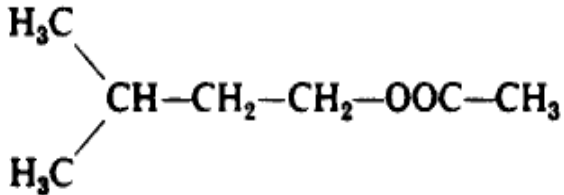
**AUSTRALIA AICS** Listed

**NEW ZEALAND** Listed

**JAPAN ENCS (MITI)** Listed

**KOREA ECL** Listed

**PHILIPPIENS PICCS** Listed



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