



# 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

### STYRALLYL ACETATE

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

Product Name STYRALLYL ACETATE

Chemical Name of Active  
METHYL PHENYL CARBINYL ACETATE

#### **Manufacturer :**

**Jayshree Aromatics Pvt Ltd**  
**,plot no..4705/1/3 GIDC Estate, Ankleshwar-393002.**  
**District Bharuch . Gujarat.**  
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Emergency Telephone number:-  
Ankleshwar-91-2646-224211  
Cell phone -09825031954

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

Synonyms...

Methylphenylcarbonyl acetate  
1-Phenylethyl acetate  
4-06-00-03037 (Beilstein Handbook Reference)  
AI3-18152  
BRN 1908635  
Benzenemethanol, alpha-methyl-, acetate  
Benzyl alcohol, alpha-methyl-, acetate  
Gardeniol II  
Gardenol  
Methyl phenyl carbonyl acetate  
Methylphenylcarbinol acetate  
Methylphenylcarbonyl acetate  
NSC 2397  
Phenylmethylcarbonyl acetate  
Styrallyl acetate  
Styralyl acetate

#### 3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance :- colorless to pale yellow liquid

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

Odor: - , strong, radiant, herbal-green-fruit fresh , tart fruity-floral; somewhat reminiscent of rhubarb  
Powerful and penetrating, , in dilution more fruity odor

Flavours:-. fruity, green, metallic, radiant Peculiar tart-family, green berry-fruity taste in dilutions

Solubility: 1 in 2 (70% Alcohol)

Relative Density@20°C 1,015 - 1,030

Relative Density@25°C 1,024- 1,030

Peroxide content < 20.0 MMOL/L

Refractive Index@20°C 1,4910 - 1,4975

% volatile by volume:- 100%

Typical Purity(GC) Not less than 99 %-

Ester content ; - Not less than 99 %-

Boiling point 210 °C atmospheric

Acid Value:-< 1

Vapor density (Air=1) :-> 1

Flash Point:- >91 °C

Styrylallyl acetate  
alpha-Methylbenzenemethanol acetate  
alpha-Methylbenzyl acetate  
alpha-Methylbenzyl alcohol acetate  
alpha-Phenylethyl acetate  
sec-Phenethyl acetate  
Benzenemethanol, alpha-methyl-, 1-acetate  
Benzyl alcohol, alpha-methyl-, acetate  
Sec Phenyl Ethyl Acetate,  
Styrollyl Acetate,  
Phenyl methyl carbinyl acetate. Phenylethylene acetate".  
Styrolene Acetate" (name also used forPhenylethyleneglycol monoacetate).  
1-Acetoxy-1-phenylethane  
a-Methylbenzene methanol acetate  
Alpha-methyl benzyl alcohol acetate

CAS No. 93-92-5

Molecular wt :- 164 .2

FEMA No. :- 2684

EINECS :- 202-288-5

CoE: 573

JECFA NO : 801

FL NUMBER : 09.178

Chemical Formula C<sub>10</sub> H<sub>12</sub> O<sub>2</sub>

HS No. :- 2915399000

NIH PubChem CID :- 62341

FDA REG : 172.515

Beilstein Number/ /Gmelin 1908635

RTECS : DO9410000

MERCK :

UN (DOT) : 1993

BEILSTEIN REFERENCE 4-06-00-03037

CANADA DSL/NDL DSL

#### 4.0 OTHER INFORMATION

Standard Packing size:-5.0 kgs,35 kgs &210 kgs  
Packing material compatibility details:- composite drums,  
Compatible with Good HDPE, Galvanized  
Iron drums, HDPE Carbouys, Aluminium Cans.

Head Space:-As low as possible

Product Use: - as top- & medium note for floral compounds for cosmetic purposes This ester is very widely used in perfumery and constitutes part of the top note of several very successful and well-known perfumes. It is conventionally classified as a Gardeniagreenmaterial, but its odor is typical only of certain stages of maturity of the Gardenia Flower, and only of certain species. However, the ester finds use in numerous fragrance types, mostly those including fruity and green notes, and it plays an important role in top note complexes including Oak moss, Galbanum, Allyl ionone, Citrus oils, etc. In spite of its apparent harshness, it can be applied at comparatively high concentration, often exceeding 2 or 3%. If Benzyl acetate and Citrus oils are present, the level of the title ester can Be still higher. Care should be taken in evaluating the effect of this material too quickly, It will characteristically "mellow-in" the perfume composition very perceptibly after 24 hours, often more in several days or so. Smaller amounts are used in Lilac, Hyacinth, Tuberose, Muguet, etc  
The ester finds extensive use in flavor compositions, particularly the "sharp"-fruity types, Pineapple, Apricot, Gooseberry, Apple, but also in Plum, Peach and many berry or Fruit complexes.

Use Level:- fragrance up to 10 %  
Flavours up to 30 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

US TSCA Listed

AUSTRALIA AICS Listed

NEW ZEALAND Listed

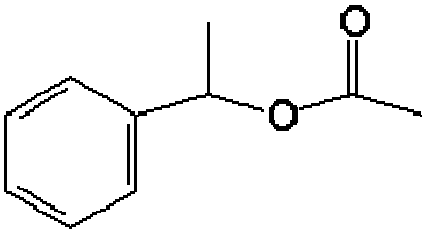
JAPAN ENCS (MITI) Listed

KOREA ECL Listed

PHILIPPIENS PICCS Listed

**FOOD CHEMICALS CODEX LISTED** yes

**logP (o/w) : 2.28**



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