



JAYSHREE AROMATICS PVT LTD

A 100% EXPORT ORIENTED UNIT

(Manufacturers of Aromatics & Fine Chemicals)

PRODUCT INFORMATION

ALLYL CAPROATE

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

Product Name:-

ALLYL CAPROATE

Chemical Name of Active Ingredient(s) :-

PROP-2-ENYL HEXANOATE

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 :-

2-Propenyl hexanoate

Allyl capronate

Allyl caproate

Hexanoic acid, 2-propenyl ester

2-Propenyl hexanoate

2-Propenyl n-hexanoate

4-02-00-00924 (Beilstein Handbook Reference)

AI3-02950

Allyl hexanoate

Allyl hexanoate (natural)

Allylester kyseliny kapronove

Allylester kyseliny kapronove [Czech]

BRN 1761920

CCRIS 6549

Hexanoic acid, 2-propenyl ester

Hexanoic acid, allyl ester

NSC 20962

UNII-3VH84A363D

Hexanoic acid, 2-propen-1-yl ester

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance: - Clear Colorless to pale yellow Liquid...

Occurrence in nature:-Nature Identical

However it is a Synthesized chemical

Odor description: - A Strong fruity, fatty, Sweet, Tropical, pineapple odor with Winous rum nuances,& arak-note

Flavor: - Green, Pear Like, Honey, sweet, fresh, juicy pineapple and fruity slightly peely

Solubility:- 1:2 in 80% Alcohol

Relative Density@20°C:- 0.884~0.892

Refractive Index@20°C :- 1.4220~1.4260

Allyl alcohol <0.1%

Halogen Content:- free

% volatile by volume:- 100%

Ester Content:-Not less than 98.5%

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

Acid Value:- Not more than 1

Boiling point:- 190°C Atmospheric

Melting Point:-

Vapor density (Air=1) :-> 1

Flash Point:- > 66°C

4.0 OTHER INFORMATION

Standard Packing size:-5.0 kgs,30 kgs &180kgs

Packing material compatibility details:-

Compatible with MS ,lacquered line,

Good HDPE, Galvanized

Prop-2-enyl Hexanoate

CAS No. 123-68-2

Molecular wt :- 156.22

FEMA No. :- 2032

EINECS :- 204-642-4

CoE :- 2181

USA Food & Drug Act Title 21 CFR Paragraph
172.515

JECFA number 3

FL Number 09.244

Chemical Formula :- C₉H₁₆O₂

HS No. :- 2915 90 9000

Beilstein Number/ /Gmelin 1761920

MDL number: MFCD00038339

PubChem Substance ID 24900808

NIH PubChem CID : 31266

RTECS : MO6125000

WHMIS (Canada): This product has a WHMIS classification of B3, D1B.

UN (DOT) : 2810

BEILSTEIN REFERENCE 4-02-00-00924

CANADA DSL/NDSL DSL

US TSCA Listed

AUSTRALIA AICS Listed

NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

KOREA ECL Listed

PHILIPPIENS PICCS Listed

Iron drums, HDPE Carbouys, Aluminum Cans.

Head Space:-As low as possible

Product Use: - A good fruity top note in combination with green mossy notes. for citrus it may form a characteristic part of the fragrance. It also tends to round off the Aldehyde notes in combination with styrallyl esters

Complexes, particularly orange, it finds use in perfumery in complex fruit types such as Miss Dior, Intimate, Ma Griffe, , it also rounds up aldehydic notes in combination with styrallyl esters.

Characteristically used in pineapple flavor, but also can be seen in fruit punch, tropical, apple, orange juice, peach and rum flavors, Apricot, Aarak, Pineapple, Strawberry, Tutti Frutti, Mushroom, Soft Drinks

Etc. It also forms major part of Speciality under name aldehyde C20

Tenacity:-1 HRS

Use Level:- Fragrance up to 6 %
Flavours up to 210 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	+		

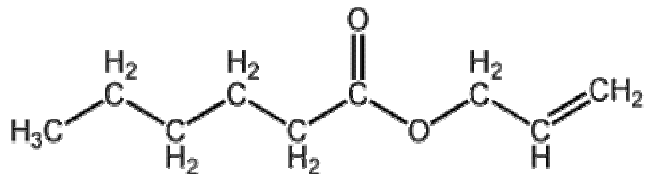
FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 3.12

WGK Germany : 2

JAPL CODE OF PRODUCT : A0008

Molecular Structure :-



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