



# JAYSHREE AROMATICS PVT LTD

A 100% EXPORT ORIENTED UNIT

(Manufacturers of Aromatics & Fine Chemicals)

## PRODUCT INFORMATION

### ISO AMYL CAPROATE

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

**Product Name**:-ISO AMYL CAPROATE

**Chemical Name of Active Ingredient(s)** :- 3-METHYLBUTYL HEXANOATE

**Manufacturer** : Jayshree Aromatics Pvt Ltd  
plot no..4705/1/3 GIDC Estate, Ankleshwar-393002.  
District Bharuch . Gujarat.  
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[info@jayshreeind.com](mailto:info@jayshreeind.com)

**Emergency Telephone number**:-  
Ankleshwar-91-2646-224211  
Cell phone-09825031954

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

**Synonyms**.

3-02-00-00727 (Beilstein Handbook Reference) , 3-Methylbutyl hexanoate  
BRN 1760611  
Hexanoic acid, 3-methylbutyl ester , Hexanoic acid, iso pentyl ester  
Isoamyl caproate  
Isoamyl hexanoate  
Isoamyl hexanoate (natural)  
Iso pentyl alcohol, hexanoate  
Iso pentyl caproate  
Iso pentyl hexanoate  
Iso pentyl-n-hexanoate  
Amyl Hexylate  
Iso amyl N Hexanoate  
Pineapple aldehyde

**CAS No.** 2198-61-0

**Molecular wt** :- 186.29

**FEMA No.** :- 2075

**EINECS** :- 218-600-8

#### **3.0 PHYSICAL CHEMICAL PROPERTIES**

**Appearance** :- clear mobile colorless liquid

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

**Odor description** : - sweet, fruity; reminiscent of Banana, Green Waxy

**Flavours** : - Sweet-fruity taste, Apple, Pineapple like

**Solubility**:- 1:5 in 80% Alcohol

**Relative Density@25°C** 0,858 -,863

**Refractive Index@20°C** :- 1,4180- 1,4220

**% volatile by volume**:- 100%

**Ester Content**:- > 98%

**Typical Purity(GC)** :- >98.5 %

**Acid Value**:- ,< 1

**Boiling point**:- 222

**Vapor density (Air=1)** :- 6.4

**Flash Point**:- 85

#### **4.0 OTHER INFORMATION**

**Standard Packing size**:-5.0 kgs,30 kgs &190kgs

**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, Extensively used in flavor compositions for imitation Apple, Honey, Raspberry, Rum, Strawberry

CoE :- 320  
USA Food & Drug Act Title 21 CFR Paragraph  
172.515

JECFA number 46

FL Number 09.070

Chemical Formula :- C<sub>11</sub> H<sub>22</sub> O<sub>2</sub>

HS No. :- 2915 90 9000

Beilstein Number/ /Gmelin 1760611

MDL number: MFCD00027280

NIH PubChem CID : 16617

RTECS : MO8389300

WHMIS (Canada): Not Available

UN (DOT) : 1993

BEILSTEIN REFERENCE 3-02-00-00727

CANADA DSL/NDSL DSL

US TSCA Listed

AUSTRALIA AICS Listed

NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

KOREA ECL Listed

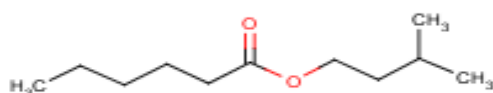
PHILIPPIENS PICCS Listed

FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 4.23

WGK Germany : 2

JAPL CODE OF PRODUCT : I0017



Tenacity:-> 60 HRS

Use Level:- fragrance up to 8%  
Flavours up to 25 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	+		

### 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