

# JAYSHREE AROMATICS PVT LTD

A 100% EXPORT ORIENTED UNIT

(Manufacturers of Aromatics & Fine Chemicals)

## PRODUCT INFORMATION

### ETHYL ISO BUTYRATE

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

**Product Name**:-ETHYL ISO BUTYRATE

**Chemical Name of ActiveIngredient(s)** :  
ETHYL 2-METHYLPROPANOATE

**Manufacturer** : Jayshree Aromatics Pvt Ltd  
,plot no..4705/1/3 GIDC Estate, Ankleshwar-393002.  
District Bharuch. Gujarat.  
Phone no. 91-2646-22411  
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**Emergency Telephone number**:-  
Ankleshwar-91-2646-224211  
Cell phone -09825031954

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

**Synonyms.**

Ethyl isobutyrate  
4-02-00-00846 (Beilstein Handbook Reference)  
AI3-06121  
BRN 0773846  
Ethyl 2,2-dimethylacetate  
Ethyl 2-methylpropanoate  
Ethyl 2-methylpropionate  
Ethyl isobutanoate  
Ethyl isobutyrate  
Ethyl isobutyrate (natural)  
Isobutyric acid, ethyl ester  
NSC 97194  
Propanoic acid, 2-methyl-, ethyl ester  
Propionic acid, 2-methyl-, ethyl ester  
UNII-9A9661LN4H  
Ethyl isobutyrate  
Isobutyric acid, ethyl ester

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

**Appearance** :- clear mobile colorless liquid

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

**Odor description**: - Fruity, Citrus, Cherry, Strawberry, Buttery,Sweet,Ethereal with Rum like nuance

**Flavors**:- ---Estery, Fruity, Buttery

**Solubility**:- 1:3 in 70% Alcohol

**Relative Density@20°C** 0.861-0.872

**RefractiveIndex@20°C** :- 1,3850 - 1,3910

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

**Ester Content**:- > 98.5 %

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

**Acid Value**:- < 2

**Boiling point**:- 112

**Vapor density (Air=1)** :- 4

**Flash Point**:- >18

#### **4.0 OTHER INFORMATION**

**Standard Packing size**:-5.0 kgs,25 kgs &180 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

Propanoic acid, 2-methyl-, ethyl ester  
UN2385

CAS No. 97-62-1

Molecular wt :- 116.16

FEMA No. :- 2428

EINECS :- 202-595-4

CoE :- 288

USA Food & Drug Act Title 21 CFR Paragraph  
172.515

JECFA number 186

FL Number 09.413

Chemical Formula :- C<sub>6</sub> H<sub>12</sub> O<sub>2</sub>

HS No. :- 2915 60 1000

Beilstein Number/ /Gmelin 0773846

MDL number: MFCD00009165

PubChem Substance ID 24901068

NIH PubChem CID : 7342

RTECS : NQ4675000

**WHMIS (Canada):** This product has a WHMIS classification of B2, D2B

**MERCK** : 14 3814

**UN (DOT)** : 2385

**BEILSTEIN REFERENCE** 4-02-00-00846

**CANADA DSL/NDSL** DSL

**US TSCA** Listed

**AUSTRALIA AICS** Listed

**NEW ZEALAND** Listed

**Product Use:** - This ester occasionally used in soap perfumery as its greater stability makes a good chemical for fruity top notes

As a masking agent for industrial fragrance

For Flavours it is widely used for Imitation Rum, Banana, Butter, , Tutti Frutti, Caramel, Cream, Cheese, Cherry, Grape, Orange. Peach, Walnut, Egg nog Flavours. Used in various Berry composition & Fruit Complexes

**Tenacity:** - <4HRS

**Use Level:** - fragrance up to 8 %

Flavours up to 200 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           | +  |                      |    |

JAPAN ENCS (MITI) Listed

KOREA ECL Listed

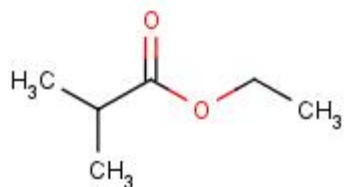
PHILIPPIENS PICCS Listed

**FOOD CHEMICALS CODEX LISTED** yes

**logP (o/w)** : 1.77

WGK Germany : 2

JAPL CODE OF PRODUCT : E0012



**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