



# JAYSHREE AROMATICS PVT LTD

A 100% EXPORT ORIENTED UNIT

(Manufacturers of Aromatics & Fine Chemicals)

## PRODUCT INFORMATION

### ETHYL PROPIONATE

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

**Product Name:** -ETHYL PROPIONATE

**Chemical Name of Active Ingredient(s) :-**  
ETHYL PROPANOATE

**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](mailto:info@jayshreeind.com)

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

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

##### **Synonyms.**

Ethyl propionate ,  
4-02-00-00705 (Beilstein Handbook  
Reference)  
Ethyl propanoate  
Ethyl propionate  
Ethyl propionate (natural)  
Ethyl ester kyseliny propionove  
Ethylester kyseliny propionove [Czech]  
HSDB 5366  
NSC 8848  
Propanoic acid, ethyl ester  
Propionate d'ethyle,  
Propionate d'ethyle [French]  
Propionic acid, ethyl ester  
Propionic ester  
Propionic ether  
Propanoic acid, ethyl ester  
Propionic acid, ethyl ester

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

**Appearance :-** clear mobile colorless  
liquid

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

**Odor description:** - Strong, ,Like Banana & pineapple  
sweet, Estery, fruity, fermenty, ethereal, rum-, apple- &  
pear-like

**Flavors:-** ---Estery, Sweet flavor, Rum Like taste

**Solubility:-** 1:4 in 70% Alcohol

**Relative Density@20°C** 0.886-0.889

**RefractiveIndex@20°C :-** 1,3770 - 1,3870

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

**Ester Content:-** > 99 %

**Typical Purity(GC) :-** > 99

**Acid Value:-** < 2

**Boiling point:-** 99 °C

**Vapor density (Air=1) :-** 3.52

**Flash Point:-** >26

#### **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 Carboys, Aluminium  
Cans.

**Head Space:-**As low as possible



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**CAS No. 105-37-3**

**Molecular wt :- 102.13**

**FEMA No. :- 2456**

**EINECS :- 203-291-4**

**CoE :- 402**

**USA Food & Drug Act Title 21 CFR  
Paragraph 172.515**

**JECFA number 28**

**FL Number 09.121**

**Chemical Formula :- C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>**

**HS No. :- 2915.50 0000**

**Beilstein Number/ Gmelin 0506287**

**MDL number: MFCD00009308**

**PubChem Substance ID 24901101**

**NIH PubChem CID : 7749**

**RTECS : UF3675000**

**EC Index Number: 607-028-00-8**

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

**MERCK : 13,3878**

**UN (DOT) : 1195**

**BEILSTEIN REFERENCE 4-02-00-00705**

**CANADA DSL/NDSL DSL**

**US TSCA Listed**

**AUSTRALIA AICS Listed**

**Product Use:** - This ester occasionally used in perfumery to introduce aged top note in Alcoholic perfumes, particularly Citrus Colognes, a top note chemical.

For Flavours it is widely used for Imitation Rum, Arak, Apple, Banana, Pear, Pine Apple, Plum, Butter, Butter Scotch, tutti frutti, For Any Juicy fruit, & lot of other types.

**Tenacity:-<4HRS**

**Use Level:** - fragrance up to 5 %  
Flavours up to 1100 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.

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	-		



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NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

KOREA ECL Listed

PHILIPPIENS PICCS Listed

**FOOD CHEMICALS CODEX LISTED** yes

**logP (o/w)** : 1.21

Swiss Giftliste 1 : G-1194

WGK Germany : 1

JAPL CODE OF PRODUCT : E0007

