

JAYSHREE AROMATICS PVT LTD

A 100% EXPORT ORIENTED UNIT

(Manufacturers of Aromatics & Fine Chemicals)

PRODUCT INFORMATION

ETHYL ISO VALERATE

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

Product Name:-ETHYL ISO VALERATE

Chemical Name of ActiveIngredient(s) :
ETHYL 3-METHYLBUTANOATE

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.

Ethyl isovalerate
3-Methylbutyric acid ethyl ester
4-02-00-00898 (Beilstein Handbook Reference)
AI3-21996
BRN 1744677
Butanoic acid, 3-methyl-, ethyl ester
Butyric acid, 3-methyl-, ethyl ester
CCRIS 1345
EINECS 203-602-3
Ethyl 3-methylbutanoate
Ethyl 3-methylbutyrate
Ethyl beta-methyl butyrate
Ethyl isopentanoate
Ethyl isovalerate
Ethyl isovalerate (natural)
Ethyl isovalerianate
FEMA No. 2463

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance :- clear mobile colorless liquid

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

Odor description: - Fruity, Sweet, Diffusive, Estery, Sharp, Like Green apple, pineapple, orange.& also Tutti Frutti & Blueberry like

Flavors:- Estery, Fruity, Sweet,Spicy,Mettalic green, with Pineapple & apple like.

Solubility:- 1:4 in 70% Alcohol

Relative Density@25°C 0.862-0.872

RefractiveIndex@20°C :- 1,3900 - 1,3980

% volatile by volume:- 100%

Ester Content:- > 98.5 %

Typical Purity(GC) :- > 98.5

Acid Value:- < 1

Melting Point : -99 °C

Boiling point:- 132

Vapor density (Air=1) :- 4.4

Flash Point:- >35 °C

4.0 OTHER INFORMATION

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

Packing material compatibility details:-
Compatible with

Isovaleric acid, ethyl ester
NSC 8869
UNII-9ZZ5597636
Butanoic acid, 3-methyl-, ethyl ester
Butyric acid, 3-methyl-, ethyl ester (6CI,7CI,8CI)
Ethyl isovalerate
Isovaleric acid, ethyl ester

CAS No. 108-64-5

Molecular wt :- 130.19

FEMA No. :- 2463

EINECS :- 203-602-3

CoE :- 442

USA Food & Drug Act Title 21 CFR Paragraph
172.515

JECFA number 196

FL Number 09.447

Chemical Formula :- C₇H₁₄O₂

HS No. :- 2915 60 2000

Beilstein Number/ /Gmelin 1744677

MDL number: MFCD00009203

PubChem Substance ID 24901110

NIH PubChem CID : 7945

RTECS : NY1504000

WHMIS (Canada): Not Available

MERCK : 13,3849

UN (DOT) : 1993

BEILSTEIN REFERENCE 4-02-00-00898

CANADA DSL/NDSL DSL

US TSCA Listed

M.S, Lacquered lined, Good HDPE, Galvanized
Iron drums, HDPE Carbouys, Aluminium Cans.

Head Space:-As low as possible

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, Cheese, in
various nut complexes, particularly Walnut,& Black walnut
Also used in various Fruit Complexes, Tobacco flavorings

Tenacity:-< 4HRS

Use Level: - fragrance up to 4 %
Flavours up to 430 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	+		

AUSTRALIA AICS Listed

NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

KOREA ECL Listed

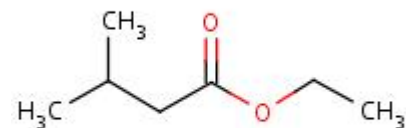
PHILIPPIENS PICCS Listed

FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 2.12

WGK Germany : 2

JAPL CODE OF PRODUCT : E0013



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