



JAYSHREE AROMATICS PVT LTD

(100% EOU)

(Manufacturers of Aromatics & Fine Chemicals)

PLOT NO.: 4705/1/3, G.I.D.C., ANKLESHWAR- 393 002,
DI5T. BHARUCH, (GUJARAT) INDIA

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PRODUCT INFORMATION ISO BUTYL ALCOHOL

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

Product Name :-
ISO BUTYL ALCOHOL

Chemical Name of Active Ingredient(s) :-
2-methyl-Propanol

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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Email : info@jayshreeind.com

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

2.0 PRODUCT IDENTIFICATION & COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms :-
Isobutyl alcohol
1-Hydroxymethylpropane
1-Propanol, 2-methyl-
2-Methyl propanol
2-Methyl-1-propanol
2-Methylpropyl alcohol
4-01-00-01588 (Beilstein Handbook Reference)
AI3-01777
Alcool isobutylique
Alcool isobutylique [French]
BRN 1730878
CCRIS 2300
Fermentation butyl alcohol
HSDB 49
Isobutanol
Isobutyl alcohol

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance :- Colorless clear liquid

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

Odor :-
Chocking , cough-provoking odour unless diluted, Ethereal,
vinous, fruity-wine, musty, Whisky like, fermented, yeasty

Flavor :-
Butter, Cola, Fruit, Liquor, Rum, Whisky

Solubility:- 60 Volumes Ethyl Alcohol (% 1:5 v/v)

Relative Density@20°C :- 0.800 TO 0.805

Refractive Index@20°C :- 1.3930 TO 1.3970

% volatile by volume:- 100%

Typical Purity(GC) :- > 99.5%

Alcohol content :- > 99.5%

Boiling point :- 109 °C atmospheric

Acid Value:- < 2

Vapor density (Air=1) :- 2.55

Isobutyl alcohol (natural)
Isobutylalkohol
Isobutylalkohol [Czech]
Isopropylcarbinol
NSC 5708
RCRA waste number U140
UNII-56F9Z98TEM
1-Propanol, 2-methyl-
2-Methylpropan-1-ol
Isobutanol or isobutyl alcohol
Isobutanol or isobutyl alcohol [UN1212] [Flammable liquid]
RCRA waste no. U140
UN1212
IBA
Primary iso butanol,

CAS No. 78-83-1

Molecular wt :- 74.12

FEMA No. :- 2179

EINECS :- 201-148-0

CoE :- 49

USA Food & Drug Act Title 21 CFR Paragraph
172.515,172.859,175.105,176.180,
176.200,176.210,177.1200,177.2800
& 73.1

JECFA number 251

FL Number 02.001

Chemical Formula :- C₄H₁₀O

HS No. :- 2905.14.0000

Beilstein Number/ /Gmelin 1730878

MDL number: MFCD00004740

PubChem Substance ID 24900892

RTECS : NP9625000

EC Index Number: 603-108-00-1

WHMIS (Canada): CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC).

Flash Point :- 27.78 °C

Melting point:- -108 to -109 °C atmospheric

4.0 OTHER INFORMATION

Standard Packing size:- 5.0 kgs, 25 kgs & 165 kgs

Packing material compatibility details:-

Compatible with Good HDPE, Galvanized Iron drums, HDPE Carboys, Aluminum Cans.

Head Space:-As low as possible

Product Use :-

In manufacture of isobutyl esters which serve in perfume. Useful in imitation flavors such as rum, Butter, Cola, Fruit, Liquor, Whisky, banana, Apple, Bakery, Cranberry, Hard Fruits, Soft Fruits, Tea etc

as top note in some fruity compounds for all purposes, Synthetic Flavour & fragrance in food & pharmaceuticals, in cosmetics, organic synthesis, latent solvent, paints. Lacquers, paint removers, Cleaners, Hydraulic fluids, liquid chromatography, colour dilutant for confectionery, tableted food supplements, gum, solvent in production of hops in beer brewing, solvent in pharmaceutical orals fragrance, Defoamer in food contact paper coating

Tenacity : < 4 hrs

Use Level :- Flavor up to 35 ppm
Fragrance in traces

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.

MERCK : 13,5148

UN (DOT) : 1212

BEILSTEIN REFERENCE

4-01-00-01588

RCRA : U140

EPA OPP : 1507

NIH PubChem CID : 6560

CANADA DSL/NDL DSL

US TSCA Listed

AUSTRALIA AICS Listed

NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

KOREA ECL Listed

PHILIPPIENS PICCS Listed

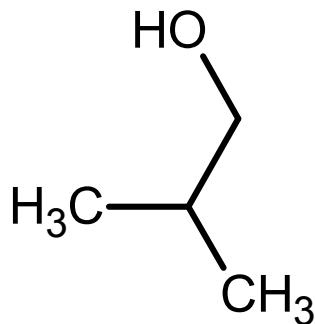
FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 0.76

WGK Germany : 1

Swiss Giftliste 1 : G-2523

Structural Formula :-



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 <30ppm

Arsenic <1.1 ppm

Tin <250ppm

Zinc <50ppm

Cadmium <1.5 ppm

Mercury 1 PPM

Lead <2.5 PPM

Methyl Mercury calculated as element <0.25 ppm