

JAYSHREE AROMATICS PVT LTD

A 100% EXPORT ORIENTED UNIT

Manufacturers of Aromatics & Fine Chemicals)

PRODUCT INFORMATION ISO AMYL ISO VALERATE

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| <p><u>1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING</u></p> <p><u>Product Name</u>:-ISO AMYL ISO VALERATE</p> <p><u>Chemical Name of Active Ingredient(s)</u> :- 3-METHYLBUTYL 3-METHYLBUTANOATE</p> <p><u>Manufacturer</u> : 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</p> <p><u>Emergency Telephone number</u>:- Ankleshwar-91-2646-224211 Cell phone-09825031954</p> | <p>3.0 PHYSICAL CHEMICAL PROPERTIES</p> <p>Appearance :- clear mobile colorless liquid</p> <p>Occurrence in nature:-However ,it is a Synthesized chemical</p> <p>Odor description: - Fruity, green, sweet, like chocolate and cognac, Apple, banana, Apricot, Mango, Fresh, Ripe, Tropical</p> <p>Flavours: - sweet, fruity, green, apple ,soapy.</p> <p>Solubility:- 1:5 in 70% Alcohol</p> <p>Relative Density@25°C 0,8450 -8780</p> <p>Relative Density@20°C 0,8460 -8750</p> <p>Refractive Index@20°C :- 1,4100- 1,4140</p> <p>% volatile by volume:- 100%</p> <p>Ester Content:- > 98.5%</p> <p>Typical Purity(GC) :- >98.5 %</p> <p>Acid Value:- ,< 1</p> <p>Boiling point:- 192 °C</p> <p>Vapor density (Air=1) :- 5.9</p> <p>Flash Point:- >67 °C</p> |
| <p><u>2.0 PRODUCT IDENTIFICATION & COMPOSITION/INFORMATION ON INGREDIENTS</u></p> <p><u>Synonyms</u>. Isoamyl isovalerate 3-Methylbutyl 3-methylbutanoate 3-Methylbutyl 3-methylbutyrate 3-Methylbutyl isovalerate 4-02-00-00899 (Beilstein Handbook Reference) AI3-06045 Apple essence Apple oil BRN 1753884 Butanoic acid, 3-methyl-, 3-methylbutyl ester CCRIS 1348 EINECS 211-536-1 FEMA No. 2085 Isoamyl 3-methylbutanoate Isoamyl 3-methylbutyrate</p> | <p>4.0 OTHER INFORMATION</p> <p>Standard Packing size:-5.0 kgs,30 kgs &180kgs</p> <p>Packing material compatibility details:- Compatible with M.S, Lacquered lined, Good HDPE,</p> |

Isoamyl isopentanoate
 Isoamyl isovalerate
 Isoamyl isovalerate (natural)
 Isoamyl isovalerianate
 Isoamyl valerianate
 Isopentyl 3-methylbutanoate
 Isopentyl 3-methylbutyrate
 Isopentyl alcohol, isovalerate
 Isopentyl isopentanoate
 Isopentyl isovalerate
 Isovaleric acid, isopentyl ester
 NSC 6565
 Solusterol
 UNII-16M1VA1FJY
 iso-Amyl isovalerate

CAS No. 659-70-1

Molecular wt :- 172.27

FEMA No. :- 2085

EINECS :- 211-536-1

CoE :- 458

USA Food & Drug Act Title 21 CFR Paragraph
 172.515

JECFA number 50

FL Number 09.463

Chemical Formula :- C₁₀H₂₀O₂

HS No. :- 2915 60 2000

Beilstein Number/ /Gmelin 1753884

MDL number: MFCD00048369

PubChem Substance ID 24900854

NIH PubChem CID : 12613

RTECS : NY1508000

WHMIS (Canada): Not Available

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, & In the related wine or Champagne type imitation flavors for soft candy, beverages etc..

Also used as a modifier in Apricot, Banana, Cherry, Honey, Peach, Pineapple, Mango, Raspberry Strawberry, Walnut. brown nuts, fruity red, fruity yellow, fruity tropical, fruity others, sweet others, alcoholics

Also used in flavors like cream soda, Tutti Frutti, Rum & Vanilla.

The product is specifically used for imitation Goose Berry flavour

Tenacity:-> 3 HRS

Use Level:- fragrance up to 8%
 Flavours up to 350 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...

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|---------------------|----|----------------------|----|
| 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 | + | | |

UN No : 3082

BEILSTEIN REFERENCE 4-02-00-00899

CANADA DSL/NDSL DSL

US TSCA Listed

AUSTRALIA AICS Listed

NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

KOREA ECL Listed

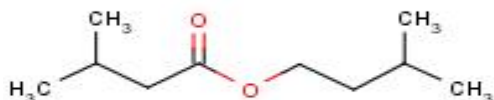
PHILIPPIENS PICCS Listed

FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 3.53

WGK Germany : 2

JAPL CODE OF PRODUCT : I0018



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