

PRODUCT INFORMATION

ISO BORNYL PROPIONATE

1) IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING

Product Name	: ISO BORNYL PROPIONATE
Chemical Name of Active Ingredient(s)	: ISO BORNYL PROPIONATE
Manufacturer	: M/S. U.K.AROMATICS & CHEMICALS PLOT No. K-6/3, TARAPUR MIDC, KALODA NAKA, NAVAPUR ROAD, BOISAR - 401506, INDIA Phone no: (02525) 276520, 661081/82. Fax: (02525) 276520. Email: ukaromatics@gmail.com

2) PRODUCT IDENTIFICATION & COMPOSITION/ INFORMATION ON INGREDIENTS

Synonyms	: iso borneol propionate iso borneol, propionate Iso bornyl propanoate DL- iso bornyl propionate exo-2- bornyl propionate 2- bornyl propionate, exo- exo-2- camphanyl propionate 2- camphanyl propionate, exo- exo-1,7,7- trimethyl bicyclo(2.2.1)hept-2-yl propionate (rel-1,7,7- trimethyl bicyclo(2.2.1)heptan-2-ol propanoate exo-1,7,7- trimethyl bicyclo(2.2.1)heptan-2-yl propanoate
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3) PHYSICAL CHEMICAL PROPERTIES

Appearance	: Colorless clear liquid
Occurrence in nature	: It is a synthesized chemical
Odor description	: pungent pine camphor woody lavender
Flavor	: Herbal, lavender, pine
Solubility	: Soluble in water, oils
Relative Density@25°C	: 0.96800 to 0.97100
Refractive Index@20°C	: 1.46100 to 1.46500
Typical Purity (GC)	: Not less than 95%
Acid Value	: 1.00 max. KOH/g
Boiling point	: 245.00 °C. @ 760.00 mm Hg
Flash Point	: 211.00 °F. TCC (99.44 °C)
CAS No.	: 2756-56-1
Molecular wt	: 210.31
FEMA No.	: 2163
EINECS	: 220-410-5
CoE	: 412
USA Food & Drug Act Title21 CFR Paragraph:	172.515
JECFA number	: 1391
Chemical Formula	: C ₁₃ H ₂₂ O ₂
HS No.	: 29155030
FOOD CHEMICALS CODEX LISTED	: no

4) OTHER INFORMATION

Standard Packing size	: 5.0 kgs, 35 kgs & 220 kgs
Packing material compatibility details	: Compatible with MS lacquered lined, Good HDPE, Galvanized Iron drums, HDPE Carboys, Aluminium Cans.
Head Space	: As low as possible
Use Level	: Fragrance up to 30.0000 %
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.

Level of metals as follows :

Copper < 30ppm

Arsenic < 1.1 ppm

Tin < 250ppm

Zinc < 50ppm

Cadmium < 1 ppm

Mercury 1 PPM

Lead < 2.5 PPM

Methyl Mercury calculated as element < 0.25 ppm