

PRODUCT INFORMATION

BUTYL BUTYRATE

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

Product Name : **BUTYL BUTYRATE**
Chemical Name of Active Ingredient(s) : **BUTYL BUTYRATE**
Manufacturer : **M/S. U.K.AROMATICS & CHEMICALS**
PLOT No. K-6/3, TARAPUR MIDC, KALODA
NAKA, NAVAPUR ROAD,
BOISAR - 401506, INDIA
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2) PRODUCT IDENTIFICATION & COMPOSITION/ INFORMATION ON INGREDIENTS

Synonyms : butanoic acid butyl ester
butyl butanoate
N-butyl butanoate
1-butyl butyrate
butyl butyrate (natural)
butyl butyrate FCC
N-butyl butyrate FCC
butyl butyrate natural
butyl butyrate normal FCC
butyl butyrate normal natural
N-butyl N-butanoate
N-butyl N-butyrate
butyric acid butyl ester
butyric acid N-butyl ester

3) PHYSICAL CHEMICAL PROPERTIES

Appearance	: Colorless clear liquid
Occurrence in nature	: It is a synthesized chemical
Odor description	: Fruity banana pineapple sweet
Flavor	: Apple, banana, butter
Solubility	: Miscible with alcohol, ether, most vegetable oils; slightly soluble in propylene glycol, water
Relative Density@25°C	: 0.86700 to 0.87100
Refractive Index@20°C	: 1.40500 to 1.40700
Typical Purity (GC)	: Not less than 98%
Acid Value	: 1.00 max. KOH/g
Boiling point	: 166.00 °C. @ 760.00 mm Hg
Flash Point	: 121.00 °F. TCC (49.44 °C)
CAS No.	: 109-21-7
Molecular wt	: 144.21
FEMA No.	: 2186
EINECS	: 203-656-8
CoE	: 268
USA Food & Drug Act Title21 CFR Paragraph:	172.515
JECFA number	: 151
Chemical Formula	: C ₈ H ₁₆ O ₂
HS No.	: 29156050
FOOD CHEMICALS CODEX LISTED	: yes

4) OTHER INFORMATION

Standard Packing size	: 5.0 kgs, 35 kgs & 215 kgs
Packing material compatibility details	: Compatible with MS, lacquered lined, Good HDPE, Galvanized Iron drums, HDPE Carbouys.
Head Space	: As low as possible
Use Level	: Fragrance up to 8.0000% Flavours up to 1500.0000 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.

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