

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Butyl Isobutyrate, Natural
FEMA No:	2188
CAS No:	97-87-0
CFR No:	117
Chemical name or Synonyms:	n-butyl-2-methyl propanoate
Empirical Formula:	C₈H₁₆O₂
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Colorless liquid
Odor:	Strong, fruity
Boiling Point:	166°C
Flash Point:	49°C
Specific Gravity @ 25°C: (for liquids only)	0.855-0.865
Refractive Index @ 20°C: (for liquids only)	1.400-1.405
Purity (GLC):	97% Min
Solubility:	Soluble in alcohol 1mL in 7mL 60% alcohol; miscible in alcohol, ether, most fixed oils; insoluble in glycerin, propylene glycol and water
Storage and Shelf Life:	Store in a cool, dry place away from light and ignition source. 24 Months shelf life

Revision #3 8/15/2025