

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

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| <b>Product:</b>  | <b>Isobutyl Butyrate, Natural</b>  |
| <b>FEMA No:</b>  | <b>2187</b>  |
| <b>CAS No:</b>   | <b>539-90-2</b>  |
| <b>CFR No:</b>   | <b>117</b>   |
| <b>Chemical name or Synonyms:</b>                      | <b>2-Methyl Propanyl butyrate</b>  |
| <b>Empirical Formula:</b>                              | <b>C<sub>8</sub>H<sub>16</sub>O<sub>2</sub></b>  |
| <b>Declaration in USA:</b>                             | <b>Natural</b>   |
| <b>EEC:</b>  | <b>Natural flavoring substance</b>   |
| <b>Appearance:</b>                                     | <b>Colorless liquid</b>  |
| <b>Odor:</b>   | <b>Fruity; reminiscent of apple or pineapple</b>   |
| <b>Boiling Point:</b>                                  | <b>157°C</b>   |
| <b>Flash Point:</b>                                    | <b>48°C</b>  |
| <b>Acid Value:</b>                                     | <b>1.0 max</b>   |
| <b>Specific Gravity @ 25°C:<br/>(for liquids only)</b> | <b>0.858-0.863</b>   |
| <b>Refractive Index @ 20°C:<br/>(for liquids only)</b> | <b>1.400-1.405</b>   |
| <b>Purity (GLC):</b>                                   | <b>98% Min</b>   |
| <b>Solubility:</b>                                     | <b>Soluble in alcohol, most fixed oils;<br/>slightly soluble in water</b>  |
| <b>Storage and Shelf Life:</b>                         | <b>Store in glass, stainless steel or phenolic lined<br/>containers, preferably well filled and away from heat,<br/>light and ignition sources.<br/>24 Months shelf life</b> |

Revision #3 8/14/2022

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