

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Heliotropine (Piperonal), Natural (Import Domestic)</b>
<b>FEMA No:</b>	<b>2911</b>
<b>CAS No:</b>	<b>120-57-0</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Piperonal</b>
<b>Empirical Formula:</b>	<b>C<sub>8</sub>H<sub>6</sub>O<sub>3</sub></b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>Natural flavoring substance</b>
<b>Appearance:</b>	<b>Colorless to pale yellow crystalline</b>
<b>Odor:</b>	<b>Very sweet floral, warm slightly spicy, cherry-like</b>
<b>Melting Point:</b>	<b>35-37°C</b>
<b>Boiling Point:</b>	<b>264°C</b>
<b>Flash Point:</b>	<b>&gt;110°C</b>
<b>Purity (GLC):</b>	<b>98% Min</b>
<b>Solubility:</b>	<b>Freely soluble in ethanol; soluble in organic solvents and oils; slightly soluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store cool in tightly closed container away from light and ignition sources. Avoid exposure to air. 24 months shelf life</b>

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