

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Difurfuryl Disulfide, Natural</b>
<b>FEMA No:</b>	<b>3146</b>
<b>CAS No:</b>	<b>4437-20-1</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Bis 2-Furfuryl Disulfide; 2,2' - (Dithiodimethylene)-Difuran</b>
<b>Empirical Formula:</b>	<b>C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>S<sub>2</sub></b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>Natural flavoring substance</b>
<b>Appearance:</b>	<b>Yellow to brown liquid</b>
<b>Odor:</b>	<b>Roasted, meaty</b>
<b>Boiling Point:</b>	<b>127-132°C</b>
<b>Flash Point:</b>	<b>110°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>1.233-1.250</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.580-1.592</b>
<b>Purity (GLC):</b>	<b>96% Min</b>
<b>Solubility:</b>	<b>Soluble in most organic solvents; insoluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store in a cool, dry area in tightly sealed container, protected from light at max. temperature of 20°C 24 months shelf life</b>

Revision #2 March 13, 2019