

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Omega-Pentadecalactone, Natural
FEMA No:	2840
CAS No:	106-02-5
CFR No:	117
Chemical Name or Synonyms:	Angelica lactone Pentadecalactone; pentadecan-15-olide
Empirical Formula:	C ₁₅ H ₂₈ O ₂
Declaration in USA:	Natural
EEC:	-
Appearance:	Colorless to white to pale yellow solid
Odor:	Musk-like odor
Melting Point:	34-38°C
Boiling Point:	137°C @ 2.00mmHg
Flash Point:	104.4°C
Purity (GLC):	98% Min
Solubility:	Soluble 1:6 in 80% alcohol; Insoluble in water; almost insoluble in glycol
Storage and Shelf Life:	Store in a cool, dry area away from light and ignition sources 36 Months shelf life

Revision #3 8/17/2022