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TECHNICAL DATA SHEET

Product Name: ALPHA ANGELICA LACTONE

CAS Number: 591-12-8 FEMA Number: 3293 EU FLAVIS Number: 10.012 Molecular Weight: 98.10122 Molecular Formula: $C_5H_6O_2$

$$H_3C$$
OOO

Synonyms: 4-HYDRO-3-PENTENOIC ACID G-LACTONE, 5-METHYL FURANONE

5-METHYL-3H-FURAN-2-ONE

CAS Name: 4-hydroxy-3-pentenoic acid lactone

Organoleptic Properties

Odor strength Medium, Recommended smelling in 10% solution or less

Odor Description:

Taste Description:

Sweet, solvent-like, nutty, oily
Sweet, creamy, coconut, nutty

SPECIFICATIONS

98 - 100 % **Purity:** White crystals Appearance: **Acid Value:** 0.18 mg KOH/g

1.44000: 1.46000 at 20 deg C **Refractive Index:**

1.08800 To 1.11000 at 25 deg C **Specific Gravity:**

TECHNICAL INFORMATION

155.00 deg F (TCC) (68.33 °C) Flash Point: 167.00- 170.00 $^{\circ}$ C @ 760 mm Hg. **Boiling Point (approx):** soluble in alcohol, Insoluble in Water

Solubility:

0.236 (est) Log P:

PACKAGING AND STORAGE

Glass, Plastic, Aluminum or Phenolic Lined Steel **Recommended Packaging:**

12 Months or more If stored correctly. Shelf Life:

Store tightly sealed under inert gas in a cool, well-ventilated area. **Recommended Storage:**