



CAS No. 591-12-8

Sustainable Scent™

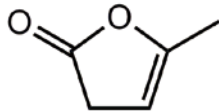
# Angelica Lactone alpha

FRUITY HERBAL SWEET ANISIC



## CHEMICAL STRUCTURE

5-Methylfuran-2(3H)-one



C<sub>5</sub>H<sub>6</sub>O<sub>2</sub>

## SYNONYM

alpha-Angelica lactone

## APPLICATION INFORMATION

Used in oral care formulations to round out mint notes and in coffee flavors.

## OCCURRENCE IN NATURE

Found in licorice and honey.

## STABILITY

<b>Fine Fragrance</b>	-	GOOD
<b>Fabric Softener</b>	<b>pH 3</b>	FAIR
<b>Antiperspirants</b>	<b>pH 3.5</b>	FAIR
<b>Toiletry Applications</b>	<b>pH 6</b>	FAIR
<b>Liquid Detergent</b>	<b>pH 9</b>	FAIR
<b>Soaps</b>	<b>pH 10</b>	FAIR
<b>Powder Detergent</b>	<b>pH 11</b>	FAIR
<b>Bleach</b>	<b>pH 14</b>	POOR

## SUBSTANTIVITY

<b>Skin</b>	GOOD
<b>Dry Fabric</b>	GOOD
<b>Wet Fabric</b>	GOOD
<b>Hair</b>	GOOD

## TENACITY ON BLOTTER

> 12 HOURS	00 DAYS	00 WEEKS
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## BLOOM DIFFUSIVITY

DIFFUSIVE

## TYPICAL USE LEVEL

Up to 1%

## TECHNICAL DATA

<b>Flash Point °C</b>	74°C
<b>GC</b>	98% min. as Angelica Lactone alpha, 1% max. as Angelica Lactone beta
<b>CAS No.</b>	591-12-8
<b>FEMA / GRAS No.</b>	3293
<b>CLogP</b>	0.03

<b>Optical Rotation</b>	-
<b>Appearance</b>	Yellow clear liquid
<b>Molecular Weight</b>	98.1
<b>Vapor Pressure</b>	52.300 Pa at 25°C