



Product Specification

Product code:	1217
Product name:	Natural Massoia lactone 75%
Chemical name or synonyms:	5-Hydroxy-2-decenoic acid, γ lactone
Empirical formula:	$C_{10}H_{16}O_2$
Declaration in USA:	Natural
EEC:	Natural flavoring extract
Appearance:	Pale yellow to yellow liquid
Odor:	Coconut, Buttery
Melting point (for solids only):	-
Boiling point:	N/A
Flash point:	ca. $>93.3^{\circ}C$
Specific gravity @ $20^{\circ}/20^{\circ}C$:	0.981-0.991
Refractive index @ $20^{\circ}C$:	1.470-1.480
Assay (by GLC):	Minimum 75% pure as massoia lactone 67% min. Decenyl lactone 8% min Dodecenyl lactone
Solubility:	Insoluble in water; soluble in most organic solvents
Storage and shelf life:	Store in tight glass, from direct heat and ignition source at $20^{\circ}C$ max.; 24 Months Min.
FEMA No.:	3744
CFR No.:	172.510
EINECS No.:	259-359-1
CAS No.:	54814-64-1
CoE No.:	N/a
HS code:	2932 2950 50

Date: June 201
Version: 6.0