

## Product Specification

Product code:	1190
Product name:	Natural Gamma Octalactone EEC
Chemical name or synonyms:	5-butyloxolan-2-one; (S)-4-Hydroxyoctanoic acid $\gamma$ lactone
Empirical formula:	C <sub>8</sub> H <sub>14</sub> O <sub>2</sub>
Declaration in USA:	Natural
EEC:	Natural Flavoring Substance
Appearance:	Colorless to pale yellow liquid
Odor:	Coconut
Boiling point:	234°C
Flash point:	ca. >110°C
Specific gravity @ 20°/20°C:	0.978 - 0.988
Refractive index @ 20°C:	1.438 - 1.448
Optical Rotation:	-37° to -43°
Assay (by GLC):	95% min.
%ee (by Chiral GC):	74% min. (%R: 13% max. and %S: 87% min.)
Solubility:	Slightly soluble in water; soluble in most organic solvents.
Storage and shelf life:	In tightly closed container away from light and source of ignition at max. 20°C; 48 months min.
FEMA No.:	2796
CFR No.:	172.510
EINECS No.:	203-208-1
CAS No.:	107797-25-1/104-50-7
CoE No.:	2274
HS code:	2932.20.5050
FLAVIS No.:	10.022

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