



Product Specification

Product code:	1019
Product name:	Natural Gamma Dodecalactone
Chemical name or synonyms:	5-Hydroxy dodecanoic acid γ lactone
Empirical formula:	$C_{12}H_{22}O_2$
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Colorless to pale yellow liquid
Odor:	Buttery, peach
Melting point (for solids only):	-
Boiling point:	131°C
Flash point:	ca. >110°C
Specific gravity @ 20°/20°C:	0.933-0.943
Refractive index @ 20°C:	1.445-1.455
Assay (by GLC):	90% min. 97% Total Lactones
Solubility:	Insoluble 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; 24 months min.
FEMA No.:	2400
CFR No.:	172.510
EINECS No.:	218-971-6
CAS No.:	2305-05-7
CoE No.:	2240
HS code:	2932295050

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