

## Product Specification

Product code:	1008
Product name:	Natural Gamma Undecalactone
Chemical name or synonyms:	Aldehyde C-14; 4-Hydroxyundecanoic acid $\gamma$ lactone
Empirical formula:	C <sub>11</sub> H <sub>20</sub> O <sub>2</sub>
Declaration in USA:	Natural
EU:	Flavoring Substance
Appearance:	Pale yellow to yellow liquid
Odor:	Fruity
Melting point (for solids only):	N/a
Boiling point:	164-166°C/13 mm
Flash point:	>110°C
Specific gravity @ 20°/20°C:	0.938-0.948
Refractive index @ 20°C:	1.449-1.459
Assay (by GLC):	96% min.
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.:	3091
CFR No.:	172.510
EINECS No.:	203-225-4
CAS No.:	104-67-6
CoE No.:	179
HS code:	2932.20.5050
FLAVIS No.:	10.002

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