



Product Specification

Product code:	1620
Product name:	Lactones mix natural
Chemical name or synonyms:	N/a
Empirical formula:	C ₁₁ H ₂₀ O ₂ /C ₁₁ H ₂₂ O ₂
Declaration in USA:	Natural
Appearance:	Colorless to pale yellow liquid
Odor:	Milky/spicy
Melting point (for solids only):	-
Boiling point:	N/a
Flash point:	ca. >110°C
Specific gravity @ 20°/20°C:	0.940-0.950
Refractive index @ 20°C:	1.447-1.455
Assay (by GLC):	90% min. Gamma undecalactone; Delta undecalactone: <5%
Acid Value:	2.0 max
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 20°C max: 12 months min
FEMA No.:	3091/3294
CFR No.:	172.510
EINECS No.:	203-225-4/211-915-1
CAS No.:	104-67-6/710-04-3
CoE No.:	179
HS code:	2932.20.5050

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