



Product Specification

Product code:	2048
Product name:	Synthetic lactic acid
Chemical name or synonyms:	2-Hydroxy Propanoic acid
Empirical formula:	C ₃ H ₆ O ₃
Declaration in USA:	Artificial Flavoring substance
EEC:	Nature Identical
Appearance:	Colorless to pale yellow liquid
Odor:	Sour
Melting point (for solids only):	-
Boiling point:	122°C/15 mm
Flash point:	ca. >110°C
Specific gravity @ 20°/20°C:	1.195-1.215
Refractive index @ 20°C:	1.415-1.440
Assay (by GLC):	87% min.
Solubility:	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: 12 months min
FEMA No.:	2611
CFR No.:	172.510
EINECS No.:	209-954-4
CAS No.:	598-82-3
CoE No.:	4
HS code:	2918111000

Date: Nov. 2009
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