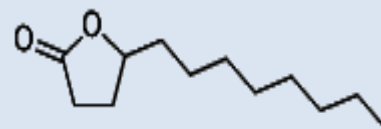


PRODUCT SPECIFICATION

GAMMA-DODECALACTONE (SP 99%)

Code	02078
CAS	2305-05-7
EINECS	218-971-6
FEMA No	2400
Structural Formula	C ₁₂ H ₂₂ O ₂
Molecular Weight	198.31
Tariff Number	2932209090



SENSORY DATA

Appearance	Colorless to pale yellow liquid
Odor	Fruity, peach, pear

ANALYTICAL DATA

Item	Standard
Refractive Index (20°C)	1.451-1.456
Refractive Index (25°C)	-
Relative Density(20°C)	-
Relative Density(25°C)	0.933-0.938
Acid Value (KOH mg/g)	≤1.0
Melting Point(°C)	-
Water (%)	-
Optical Rotation(20°C)	-
Purity (%)	≥99.0
Solubility	1 mL in 1 mL 95% alcohol

OTHER DATA

Flash Point	> 230.00 °F
Shelf Life	12 months
Storage Condition	Store in a cool, dry, well-ventilated area away from incompatible substances. A refrigerated room would be preferable.
Issue Date	8/1/2018

This specification applies to the recommended conditions for the duration of the shelf life.
The above specification is subject to change upon further notice. Specification revisions may be required by various factors including changing regulations and individual product characteristics.