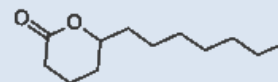


PRODUCT SPECIFICATION

DELTA DODECALACTONE NATURAL

Code	02089
CAS	713-95-1
EINECS	211-932-4
FEMA No	2401
Structural Formula	C ₁₂ H ₂₂ O ₂
Molecular Weight	198.31
Tariff Number	2932209090



SENSORY DATA

Appearance	Colorless to yellow liquid
Odor	Coconut-fruity, buttery on dilution

ANALYTICAL DATA

Item	Standard
Refractive Index (20°C)	1.4580-1.4610
Refractive Index (25°C)	-
Relative Density(20°C)	0.942-0.950
Relative Density(25°C)	-
Acid Value (KOH mg/g)	≤5.0
Melting Point(°C)	-
Water (%)	-
Optical Rotation(20°C)	-
Purity (%)	≥98.0
Solubility	-

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.