



Tilley Distribution, Inc.
355 Chestnut St
Norwood, NJ 07648

Specification

UNDECALACTONE GAMMA US NAT

10112-02-F10STA

EU CAS#: 104-67-6

FEMA #: 3091

US CAS#: 104-67-6

Product Details

MOLECULAR FORM	C11H20O2	BOILING POINT (C)	297
MOLECULAR WGT	184.28	FLASH POINT (F)	230
MELTING POINT (C)		SHELF LIFE (Days)	365
PHYSICAL STATE	LIQUID		

Specifications

Test	Specification	Method
ODOR <small>Ofactory assessment</small>	SWEET, OILY FRUITY, PEACH LIKE ODOR	ORGANOLEPTIC
COLOR <small>Visual inspection</small>	COLORLESS TO PALE YELLOW LIQUID	VISUAL
SPECIFIC GRAVITY (25C)	0.942 - 0.945	FCC METHOD
REFRACTIVE INDEX (20C)	1.448 - 1.453	FCC METHOD
GC ANALYSIS	PROFILE TO MATCH STANDARD	QC_30.M
PURITY (BY GC)	98.0 % MINIMUM	QC_30.M
ACID VALUE	0.0 - 5.0 MGKOH/G	FCC METHOD

Stability and Storage Conditions

STABLE UNDER NORMAL CONDITIONS

COMMENT

Flashpoint = 110 deg C = 230 deg F

Quality Director:
James Koestler

Spec ID. STD

Ver. # 2

Ver. Date 3/7/2024