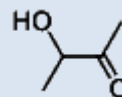


PRODUCT SPECIFICATION

3-HYDROXY-2-BUTANONE (Acetoin)

Code	01106
CAS	513-86-0
EINECS	208-174-1
FEMA No	2008
Structural Formula	C ₄ H ₈ O ₂
Molecular Weight	88.11
Tariff Number	2914400090



SENSORY DATA

Appearance	Colorless to pale yellow liquid
Odor	Sweet buttery creamy dairy milky fatty

ANALYTICAL DATA

Item	Standard
Refractive Index (20°C)	1.417-1.423
Refractive Index (25°C)	-
Relative Density(20°C)	-
Relative Density(25°C)	0.995-1.019
Acid Value (KOH mg/g)	≤2.0
Melting Point(°C)	-
Water (%)	-
Optical Rotation(20°C)	-
Purity (%)	≥98.0
Solubility	-

OTHER DATA

Flash Point	113.00°F
Shelf Life	12 months
Storage Condition	refrigeration storage, dry, well-ventilated area away from incompatible substances.
Issue Date	8/1/2018