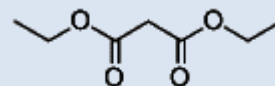


PRODUCT SPECIFICATION

DIETHYL MALONATE

Code	02031
CAS	105-53-3
EINECS	203-305-9
FEMA No	2375
Structural Formula	C ₇ H ₁₂ O ₄
Molecular Weight	160.17
Tariff Number	2917190090



SENSORY DATA

Appearance	Colorless liquid
Odor	Slight,fruity

ANALYTICAL DATA

Item	Standard
Refractive Index (20°C)	1.413-1.416
Refractive Index (25°C)	-
Relative Density(20°C)	-
Relative Density(25°C)	1.053-1.056
Acid Value (KOH mg/g)	≤1.0
Melting Point(°C)	-
Water (%)	-
Optical Rotation(20°C)	-
Purity (%)	≥99.0
Solubility	-

OTHER DATA

Flash Point	212.00 °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.