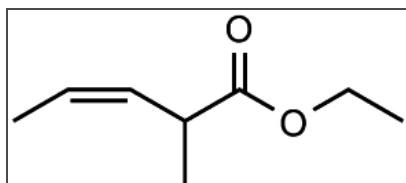




Technical Data Sheet

BRI Product Number:	512
BRI Product Name:	CEREZOATE
CAS Number:	1617-23-8
FEMA Number:	3456
EU FLAVIS Number:	09.524
China GB Number:	S1212
Molecular Weight:	142.19
Molecular Formula:	C ₈ H ₁₄ O ₂



Synonyms:	▶ 3-Pentenoic acid, 2-methyl-, ethyl ester, ▶ CEREZOATE, ▶ CEREZOATE IS A TRADEMARK OF BEDOUKIAN RESEARCH, ▶ ETHYL 2-METHYL-3-PENTENOATE (HIGH CIS), ▶ Ethyl 2-methyl-cis-3-pentenoate, ▶ Ethyl 2-methyl-z-3-pentenoate,
CAS Name:	3-Pentenoic acid, 2-methyl-, ethyl ester

APPLICATION INFORMATION

Odor Description:	A fruity, ethereal, juicy note with natural black cherry nuances.
Fragrance Use:	A melange of juicy pineapple, apple, blueberry, and especially black cherry. Excellent in air care, shampoos, and dish detergent.
Recommended Fragrance Use Level:	Traces – 1%
Tenacity on Blotter:	> 1 hour

Taste Description:	Fruity and sweet notes reminiscent of apple, cherry, and strawberry.
Flavor Use:	Fresh, natural, red fruit notes for apple, black cherry, and other fruits. Very useful in berry flavors, especially strawberry. Can also be used for general fruity notes in pineapple and other tropical fruit flavors.
Recommended Flavor Use Level:	1 – 10 PPM

SPECIFICATIONS

Minimum Purity:	99.0% (sum of isomers)
Main Isomer:	98.5% min.(cis)
Secondary Isomer:	0.1% – 1.5%(trans)

Appearance:	colorless liquid
Refractive Index:	1.417 : 1.427 at 20 deg C
Specific Gravity:	0.885 : 0.895 at 25 deg C
Additives:	synthetic alpha tocopherol @ 0.10%

TECHNICAL INFORMATION

Flash Point:	110 deg F (CC)
Boiling Point (approx):	163.76 C (EPI 4.0)
Solubility:	Insoluble in water; soluble in alcohol.
Log P:	2.540
Kosher:	YES
Halal:	YES
RIFM Monograph:	YES
Natural:	NO
Nature Identical:	NO
Regulatory Status:	TSCA AICS CHINA DSL ECL EINECS(216-572-1) PICCS
Export Tariff Code:	2916.19.6000
Shipped as Dangerous Good:	YES WHEN SHIPPED VIA AIR/OCEAN

PACKAGING AND STORAGE

Recommended Packaging:	Glass, Plastic, Aluminum or Phenolic Lined Steel
Shelf Life:	48 months from manufacture date(when stored as recommended)
Recommended Storage:	Store tightly sealed under inert gas in a cool, well-ventilated area.

Note:

BRI's Products are not for use in tobacco products, e cigarettes, or any other nicotine delivery devices; nor for use in non-tobacco delivery mechanisms such as vaping devices.

Last Revised:

05/05/2023