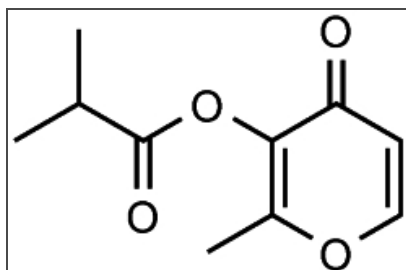




Technical Data Sheet

BRI Product Number:	622
BRI Product Name:	MALTOL ISOBUTYRATE
CAS Number:	65416-14-0
FEMA Number:	3462
EU FLAVIS Number:	09.525
China GB Number:	S1198
Molecular Weight:	196.26
Molecular Formula:	C ₁₀ H ₁₂ O ₄



Synonyms:

- ▶ 2-methyl-4-oxo-4H-pyran-3-yl isobutyrate,
- ▶ Fraisate,
- ▶ MALTOL ISOBUTYRATE,
- ▶ Maltol 2-methylpropanoate,
- ▶ Maltol isobutyrate,
- ▶ Propanoic acid, 2-methyl-, 2-methyl-4-oxo- 4H-pyran-3-yl ester,

CAS Name:

Propanoic acid, 2-methyl-, 2-methyl-4-oxo-4H-pyran-3-yl ester

APPLICATION INFORMATION

Odor Description:

A sweet strawberry odor.

Fragrance Use:

Does especially well in 'Otto of rose' compositions.

Recommended Fragrance Use Level:

0.1% - 2.5%

Tenacity on Blotter:	> 2 weeks
Taste Description:	Sweet, fresh, fruity notes, with slight buttery back notes.
Flavor Use:	Fresh fruits, especially strawberry, apple and pineapple. Can also be used for butter rum and butterscotch flavors.
Recommended Flavor Use Level:	10 – 100 PPM

SPECIFICATIONS

Minimum Purity:	98.0%
Appearance:	colorless to amber liquid
Refractive Index:	1.493 : 1.501 at 20 deg C
Specific Gravity:	1.141 : 1.151 at 25 deg C
Additives:	None

TECHNICAL INFORMATION

Flash Point:	306 deg F (CC)
Boiling Point (approx):	286.06 C (EPI 4.0)
Solubility:	Insoluble in water; soluble in alcohol.
Log P:	1.700
Kosher:	YES
Halal:	YES
RIFM Monograph:	YES
Natural:	NO
Nature Identical:	NO
Regulatory Status:	TSCA AICS CHINA DSL EINECS(265-755-2) PICCS
Export Tariff Code:	2932.99.9000
Shipped as Dangerous Good:	NO

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:	<i>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.</i>

Last Revised:

08/01/2022

