1-(Biphenyl-4-yl)-2-methyl-2-morpholinopropan-1-one

1-(Biphenyl-4-yl)-2-methyl-2-morpholinopropan-1-one · RS-BMMP · CAS 94576-68-8 · Technical Data Sheet · RawSource · rawsource.com/product/1-biphenyl-4-yl-2-methyl-2-morpholinopropan-1-one/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
94576-68-8	RS-BMMP	Photoinitiator (Type I)

1-(Biphenyl-4-yl)-2-methyl-2-morpholinopropan-1-one is a Type I photoinitiator supplied as a slightly light yellow or white solid. It is insoluble in water and soluble in most solvents. It is used in printing and packaging inks and PCB inks.

DISTRIBUTED BY
RawSource Inc.
515 E Las Olas Blvd, Suite 1301, Fort Lauderdale, FL 33301
305-307-6515 · solutions@rawsource.com · rawsource.com
Product page: rawsource.com/product/1-biphenyl-4-yl-2-methyl-2-morpholinopropan-1-one/
Request a quote: solutions@rawsource.com · 305-307-6515
Quote by RS code: RS-BMMP

GENERAL INFORMATION

Chemical name	1-(Biphenyl-4-yl)-2-methyl-2-morpholinopropan-1-one
Molecular weight	309.41
Molecular formula	$C_{20}H_{23}O_2N$

TYPICAL PROPERTIES

Odor	Characteristic	Flash Point	145 °C min

Typical values are representative of the product and are not specifications.

Varnishes, 2.0 to 3.0 wt%

Low viscosity: recommended dosage is 2.0 to 3.0 wt%

High viscosity: recommended dosage is 2.0 wt% max

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Slightly light yellow or white solid	Conform
Assay	99 % min	99.20 %
Melting point	118 – 122 °C	118.3 – 120.9 °C
Loss on Drying	0.5 % max	0.18 %
Solubility	Insoluble in water, soluble in most solvents	

Each lot is released against this specification. Lot-specific results are reported on the Certificate of Analysis that ships with every delivery.

APPLICATIONS

- Printing and packaging inks
- PCB inks

Applications are those stated for the product. Confirm suitability for each formulation by trials.

The information in this Technical Data Sheet is provided for technical evaluation and is believed to be accurate as of the issue date. Typical values are representative and do not constitute a warranty. Binding specifications are those stated on the lot-specific Certificate of Analysis and in the sales contract. Users should verify suitability for their own process and regulatory requirements. Refer to the Safety Data Sheet before handling. Questions: solutions@rawsource.com.