2,4-Diethylthioxanthone (DETX)

2,4-Diethylthioxanthone (DETX) · RS-DETX · CAS 82799-44-8 · Technical Data Sheet · RawSource · rawsource.com/product/2-4-diethylthioxanthone/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
82799-44-8	RS-DETX	Photoinitiator (Type II)

2,4-Diethylthioxanthone (DETX) is a Type II photoinitiator supplied as a yellow to yellowish crystalline powder. It is mainly used to initiate the photopolymerization of unsaturated prepolymers and is used in UV-curing coatings and 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/2-4-diethylthioxanthone/
Request a quote: solutions@rawsource.com · 305-307-6515
Quote by RS code: RS-DETX

GENERAL INFORMATION

Chemical name	2,4-Diethylthioxanthone
Molecular weight	268
Molecular formula	$C_{17}H_{16}OS$

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Yellow to yellowish crystalline Powder	Conform
Assay	98 % min	99.76 %
Melting point	70 – 75 °C	73.4 – 74.1 °C
Volatiles	0.5 % max	0.10 %

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

APPLICATIONS

- Initiating the photopolymerization of unsaturated prepolymers
- UV-curing coatings
- UV-curing inks

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

HANDLING REQUIREMENTS

- Keep the material in its original packaging.
- Store in a cool, dry, dark and well-ventilated place.
- Keep away from rain and wet places.
- Keep away from flames and heat sources.

PACKAGING AND SHELF LIFE

- Cartons
- Shelf life: 12 months from production date.

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.