3-Methoxypropylamine (MOPA)

3-Methoxypropylamine (MOPA) · RS-MOPA · CAS 5332-73-0 · Technical Data Sheet · RawSource · rawsource.com/product/3-methoxypropylamine-mopa/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
5332-73-0	RS-MOPA	Amine · intermediate and neutralizing amine

3-Methoxypropylamine (MOPA) is an intermediate and neutralizing amine supplied as a clear, colorless liquid that is completely soluble in water, alcohols, ethers and acetone. It is used mainly in the anti-corrosion of petroleum and as a detergent. Prepared as an amine soap, it makes a good dispersion and emulsion of resins and waxes such as those used in water-based paint, as well as floor and textile finishes. It compares favorably to morpholine in water-insensitive waxes.

DISTRIBUTED BY
RawSource Inc.
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Product page: rawsource.com/product/3-methoxypropylamine-mopa/
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GENERAL INFORMATION

Chemical name	3-Methoxypropylamine
Molecular formula	$C_4H_{11}NO$

TYPICAL PROPERTIES

Melting Point	-70 °C

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

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Colorless transparent liquid	Colorless transparent liquid
Assay	99.5 % min	99.85 %
Color APHA (Hazen)	20 max	7.75
Moisture	0.30 % max	0.06 %

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

APPLICATIONS

- Anti-corrosion of petroleum
- Detergent
- Dye manufacture
- Amine soap for dispersions and emulsions of resins and waxes, such as those used in water-based paint, as well as floor and textile finishes
- Water-insensitive waxes

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

HANDLING REQUIREMENTS

- Store in a cool, dry, well-ventilated area.
- Keep containers closed when not in use.
- Avoid exposure to extreme temperatures, contact with incompatible chemicals and uncontrolled contact with accelerants.

PACKAGING AND SHELF LIFE

- 170 kg steel drums
- IBC
- bulk
- 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.