



METEX M-629

Acid Salt

Product Code: 113001

DESCRIPTION

Metex M-629 is a carefully balanced mixture of acid salts, activators, and surface active agents. It is supplied as a dry acid powder, and can be used to replace most of the commonly used plating room acids.

Metex M-629 can be used with current to activate Nickel, Kovar, Invar, Alloy 42, and other nickel alloys.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

OPERATING PARAMETERS

Operating Conditions:

	Acid Dip	Nickel Activation
Concentration	8 – 16 oz/gal (60 – 120 g/L)	1 lb/gal (120 g/L)
Temperature	Room Temp	120 – 130°F (49 – 54°C)

MAKE UP PROCEDURE

Add the full amount of Metex M-629 to the tank half full of warm 44°C (110°F) water. Agitate the solution until the powder is dissolved and add remainder of the water to bring solution to final working volume, then heat or cool as required.



EQUIPMENT

Tanks:

Polypropylene, Polyethylene, or PVDC

Heaters:

Karbate, graphite, or PTFE

Ventilation:

Recommended for heated solutions

ANALYTICAL PROCEDURES

Titration

- a. Pipette a 10 mL sample into a 250 mL Erlenmeyer flask and dilute with 50 mL of water.
- b. Add 5-10 drops of bromcresol green indicator.
- c. Titrate with 0.5N sodium hydroxide.
- d.

Calculation:

$\text{mL } 0.5\text{N NaOH} \times 7.52 = \text{g/L Metex M-629}$
 $(\text{mL } 0.5\text{N NaOH} \times 1.0 = \text{oz/gal Metex M-629})$

SAFETY & WARNING

MacDermid Enthone recommends that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use.

Safety Data Sheets are available from MacDermid Enthone.

WASTE TREATMENT

Prior to using any recommendations or suggestions by MacDermid Enthone for waste treatment, the user is required to know the appropriate local/state/federal regulations for on-site or off-site treatment which may require permits. If there is any conflict regarding our recommendations, local/state/federal regulations take precedent.

ORDER INFORMATION

Product	Code
Metex M-629	113001

CONTACT INFORMATION

To confirm this is the most recent issue, please contact MacDermid Enthone
macdermidenthone.com/industrial

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE. Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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