

ACORGA[®] M5774 metal extraction reagent

Physical Data

Appearance	Clear amber-colored liquid, free from visible impurities
Specific gravity, 25°C	0.96-0.98
Viscosity, cP at 25°C	Not more than 200
Flash point, °C	Typically > 100 (PMCC)

Performance Data

Copper uptake	0.56-0.59 g/l per v/o	
Extract kinetics, approach to equilibrium at 25°C	15 sec	Not less than 90%
	30 sec	Not less than 95%
	15 sec	Not less than 95%
Strip kinetics, approach to equilibrium at 25°C	15 sec	Not less than 95%
	Copper extraction isotherm point at 25°C	
	Organic	Not less than 4.2 g/l
	Aqueous	Not greater than 1.6 g/l
Copper strip isotherm point at 25°C	Organic	Not greater than 2.1 g/l
	Aqueous	Not greater than 32.0 g/l
	Copper/Iron selectivity	Not less than 3000 g/l
Phase disengagement	Extract	Not more than 60 sec
	Strip	Not more than 60 sec
Complex solubility at 0°C, at 24 hours	No precipitation	

Testing carried out in accordance with the methods described in Cytec's Standard Test Methods

Note: Before handling this material, read the appropriate Cytec Material Safety Data Sheet (MSDS 0014834) for more detailed information on physical properties and safety, health and environmental data.

Shipping

ACORGA M5774 metal extraction reagent is shipped in drums, totes or bulk containers. For information on bulk delivery, contact your Cytec Sales Representative or local sales office.

Technical Service

Contact your nearest Cytec sales office for assistance in choosing the optimum metal extraction reagent for your particular circuit conditions. Once the optimum reagent has been selected, Cytec sales personnel are available to assist your operation in achieving the highest reagent performance. In addition to the wide range of metal extraction reagents, Cytec Industries Inc. offers a complete line of products for use in metallurgical applications: thickener and washer flocculants, defoamers, iron removal agents, filtering aids, collectors, depressants, deposit control agents, cathode smoothing agents, bauxite handling aids, hydrate flocculants, and humate removal agents.

www.cytec.com

• Email: custinfo@cytec.com Worldwide Contact Info: www.cytec.com US Toll Free: 800-652-6013 Tel: 973-357-3193 •

Cytec Industries Inc. in its own name and on behalf of its affiliated companies (collectively, "Cytec") decline any liability with respect to the use made by anyone of the information contained herein. The information contained herein represents Cytec's best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, regarding the accuracy, the completeness or relevance of the data set out herein). Cytec is the sole owner or authorized user of the intellectual property rights relating to the information communicated. The information relating to the use of the products is given for information purposes only. No guarantee or warranty is provided that the product is adapted for any specific use. The user or purchaser should perform its own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the user.

TRADEMARK NOTICE The © indicates a Registered Trademark in the United States and the ™ or * indicates a Trademark in the United States. The mark may also be registered, the subject of an application for registration or a trademark in other countries.