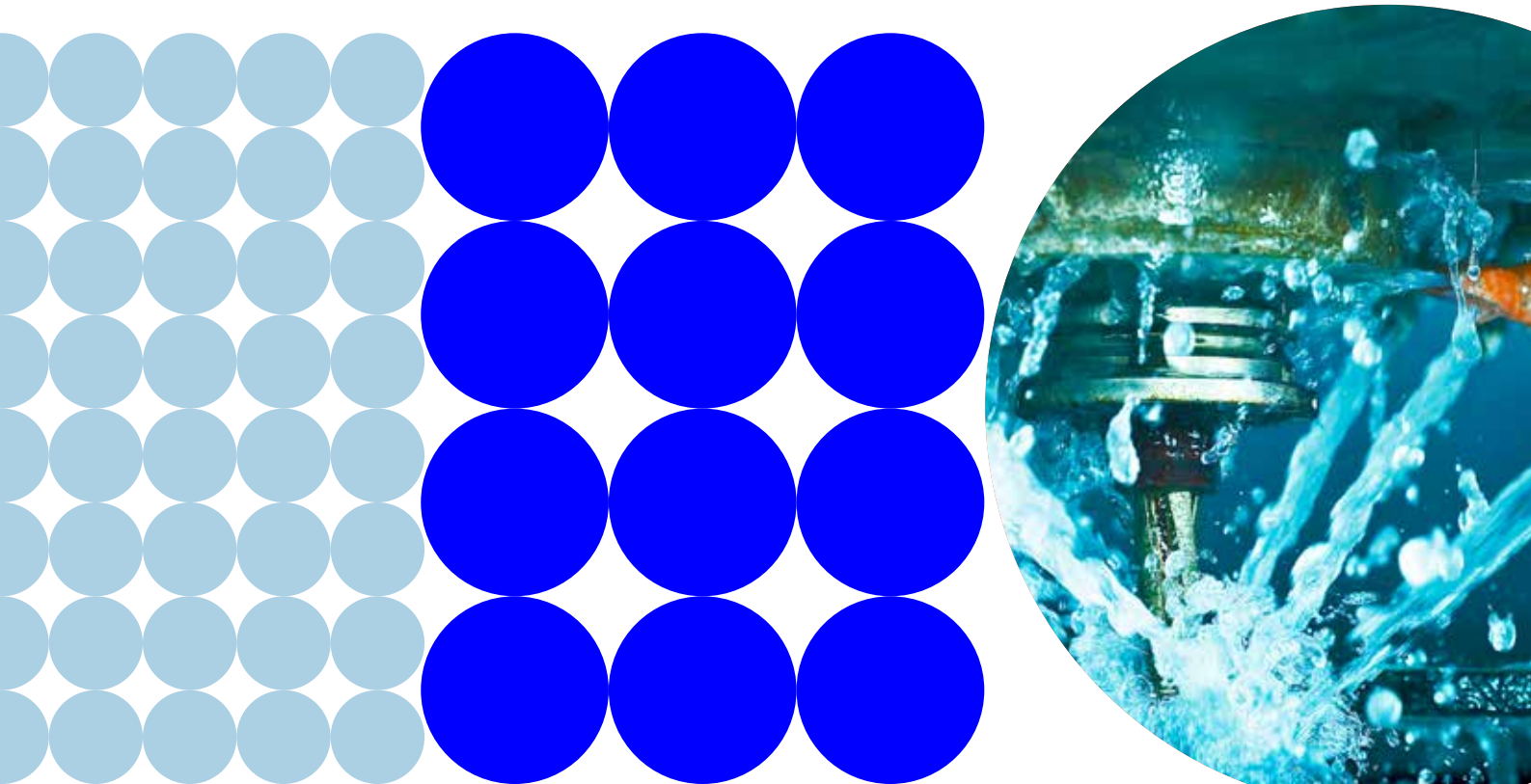




Performance Products for Metal Processing Fluids

A Portfolio of Advanced Antimicrobials & Additives

Metal Processing Fluids / US



A New Name Built on a Powerful Legacy

Arxada Industrial Microbial Control (IMC)

Built on powerful legacies of performance and innovation, Arxada is a new force in microbial control and performance ingredients for metal processing fluids. Harnessing the combined portfolios of industry leaders including Troy Corporation, Arxada IMC offers one of the broadest arrays of active chemistries and performance ingredients for optimum flexibility. Arxada goes beyond by offering premier technical and regulatory services for customers, augmented by expanded global resources, R&D, production capacity, and supply.

Antimicrobials & Additives for MWF

Arxada's Metal Processing Fluid Additives Division offers unique solutions, enabling manufacturers to overcome system challenges and achieve performance and market objectives. Arxada's line of bactericides, fungicides, and performance additives engineered for metal processing fluids includes Mergal®, Polyphase®, Proxel®, Densil®, Omacide®, Troyshield®, and Grotan® preservatives, as well as Troykyd® additives. These brands are trusted in the industry for class-leading performance, compliance, and cost-effectiveness.

Product Name	Product Characterization	Use Level in Dilute ppm	Soluble Oil		Semi-Synthetic		Synthetic	
			Concentrate	Tank-side	Concentrate	Tank-side	Concentrate	Tank-side
			● Broad Application ● Formula Specific					
Bactericides								
Grotan®	Hexahydrotriazine (HHT)	1500	●	●	●	●	●	●
Triadine® 3	Hexahydrotriazine (HHT)	1500	●	●	●	●	●	●
Mergal® 186	Dimethyloxazolidine (DMO)	1000 - 3000	●	●	●	●	●	●
Mergal® 192	Dimethyloxazolidine (DMO)	1000 - 3000	●	●	●	●	●	●
Mergal® 399	Dimethylhydantoin (DMDMH)	500 - 3100	●	●	●	●	●	●
Dantogard® 2000	Dimethylhydantoin (DMDMH)	500 - 3100	●	●	●	●	●	●
Mergal® BIT20	Benzisothiazolinone (BIT)	500 - 1500	●	●	●	●	●	●
Mergal® BIT20X	Benzisothiazolinone (BIT)	500 - 1500	●	●	●	●	●	●
Proxel® GXL	Benzisothiazolinone (BIT)	500 - 1500	●	●	●	●	●	●
Mergal® K10N	Benzisothiazolinone (BIT)	1000 - 3000	●	●	●	●	●	●
Mergal® MC14	Concentrated CIT/MIT	100 - 150		●		●		●
Mergal® CM1.5	CIT/MIT	250 - 1167		●		●		●
Mergal® K12N	CIT/MIT and Bronopol	500 - 1500	●	●	●	●	●	●
Troyshield® B60	Polymeric cationic surfactant	100 - 1000			●	●	●	●
Fungicides								
Troyshield® FX40	Iodo-propynyl-butylcarbamate (IPBC)	150 - 400	●	●	●	●	●	●
Omacide® IPBC30DPG	Iodo-propynyl-butylcarbamate (IPBC)	150 - 400	●	●	●	●	●	●
Polyphase® P20T	Iodo-propynyl-butylcarbamate (IPBC)	250 - 800	●	●	●	●	●	●
Polyphase® LA33	Iodo-propynyl-butylcarbamate (IPBC)	300 - 1000		●		●		●
Densil® DN	N-Butyl-Benzisothiazolinone (BIT)	30 - 150	●	●	●	●	●	●
Densil® DG45	N-Butyl-Benzisothiazolinone (BIT)	60 - 300	●	●	●	●	●	●
Troyshield® FSP40	Sodium pyridinethione	Up to 1250	●	●	●	●	●	●
Sodium Omadine® 40%	Sodium pyridinethione	Up to 1250	●	●	●	●	●	●



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			Concentrate	Tank-side	Concentrate	Tank-side	Concentrate	Tank-side
			● Broad Application ● Formula Specific					
Additives								
Troykyd® PSD71M2	Siloxane-based anti-foam	75 - 150	●	●	●	●	●	●
Troykyd® D250	Siloxane-based anti-foam	75 - 150	●	●	●	●	●	●
Troykyd® EB77	Polymeric cationic surfactant	100 - 1000			●	●	●	●
CarboShield® 1000	Didecyl Dimethyl Ammonium Bicarbonate/ carbonate	15 - 80%	For formulating of corrosion protection fluid and cleaner concentrates					
Troykyd® CI3	Formulated amine-based pH buffer	1000 - 2000	●	●	●	●	●	●
Test Kits								
B-F Indicator Dip Slides	Test kits for detection of bacterial & fungal contamination.	10 per box	Simple to use test kit to measure the levels of bacteria, yeasts and molds in in- use metalworking fluids.					



World-Class Products, Services, & Support

Arxada is a global manufacturer focused on innovation and development of advanced antimicrobials and additives that enhance products and processes. Arxada augments its portfolio of products with world-class technical services that enable customers worldwide to achieve excellent results cost-effectively.

Arxada's special areas of expertise include:

- Prevention of microbial degradation
- Global regulatory support with regional and national expertise
- Worldwide technical services including microbiology & analytical laboratories



Arxada AG
Peter Merian-Strasse 80
4052 Basel Switzerland
Tel: +41 61 563 80 00
www.arxada.com
info@troycorp.com

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