



The Gold Standard for Performance

Preservatives & Additives for Metalworking-Fluids

Product Overview

AsPac

Product	Characterization	Use-Level in Dilute	Soluble Oil		Semi-Synthetic		Synthetic	
			Con- centrate	Tank- side	Con- centrate	Tank- side	Con- centrate	Tank- side

Bactericides

Troyshield™ B2	Hexahydrotriazine (HHT)	1000 - 3000 ppm	•	•	•	•	•	•
Troyshield™ B7	(ethylenedioxy) dimethanol (EGF)	700 - 2000 ppm	•	•	•	•	•	•
Troyshield™ MBM	Methylene bismorpholine (MBM)	1000 - 3000 ppm	•	•	•	•	•	•
Mergal® 395	Hydantoin (DMDMH)	2000 - 4000 ppm	•	○	•	○	•	○
Mergal® BIT20X	Benzisothiazolinone (BIT)	400 - 800 ppm	•	○	•	○	•	○
Mergal® 786	BIT + MIT + CMIT/MIT	400 - 800 ppm	•	○	•	○	•	○
Mergal® 758	BIT + CMIT/MIT	1000 - 2000 ppm		•		•		•
Mergal® 18N	CMIT/MIT	1000 - 2000 ppm		•		•		•
Mergal® MC14	CMIT/MIT	100 - 200 ppm		•		•		•
Mergal® K14Plus	Stabilized CMIT/MIT	1000 - 1500 ppm		•		•		•

Fungicides

Troyshield™ FX40	IPBC	150 - 400 ppm	•	○	•	○	○	
Troyshield™ PA10	IPBC	600 - 2000 ppm		•		•		•
Troyshield™ FSP40	Sodium pyrithione	100 - 300 ppm	•	•	•	•	•	•

Bactericides + Fungicides

Mergal® V698K4	EGF + OIT	1000 - 2000 ppm	○	•	○	•	○	•
Mergal® KM90	Special product for headspace fungi and formaldehyde adduct free MWF	700 - 1000 ppm	○	•	○	•	○	•

Legend: • = Broad Application. ○ = Formula Spezific.

Use biocides safely. Always read the label and product information before use.



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Additives								
Troyshield™ D71	Siloxan-based antifoam	75 - 150 ppm	•	•	•	•	•	•
Troykyd™ D250	Siloxan-based antifoam	50 - 150 ppm	•	•	•	•	•	•
Troyshield™ D336	Silicone-free defoamer; Synthetic wax, hydrocarbon dispersion	100 - 300 ppm	•	•	•	•	•	•
Troykyd™ EB77	Polymeric cationic surfactant; Emulsion breaker & tramp oil separator	100 - 1000 ppm			○	○	•	•

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...Troy can assist you from the beginning stage of formulating, provide plant microbial audits, and work with you on designing and implementing an effective tank-side fluid management program.



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