

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001  
 DateRun: 12/30/2001  
 Experimenters: Purav Dave  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Aluminum  
 PartType: Coupon  
 Contaminants: Cutting/Tapping Fluids  
 Cleaning Methods: Immersion/Soak  
 Analytical Methods: Gravimetric  
 Purpose: Laboratory evaluations of alternative cleaning products  
 Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.  
 Cleaning: 5 min. immersion cleaning at 120 F with stir-bar agitation.  
 Rinsing : 1/2 min manual in water at 120 F  
 Drying : 1 min with heat gun at 500 F.  
 Contaminants : Winfield Brooks - Alumtap.  
 Cas # 64742-53-6, 127-18-4, 111-63-7.

Results:

Summary:

<b>Substrates:</b>	Aluminum				
<b>Contaminants:</b>	Cutting/Tapping Fluids				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Alconox Inc	Alcojet	1	82.08	<input type="checkbox"/>	
Buckeye International	Shopmaster FF	5	92.38	<input checked="" type="checkbox"/>	
Buckeye International	Shopmaster HP	5	92.05	<input checked="" type="checkbox"/>	
Buckeye International	Shopmaster LPH	5	89.92	<input checked="" type="checkbox"/>	
Calgon Corporation	SC 431	5	97.16	<input checked="" type="checkbox"/>	
Buckeye International	Immersion Cleaner	5	92.39	<input checked="" type="checkbox"/>	
Bruhin Corporation	Aquavantage 1400	5	97.37	<input type="checkbox"/>	

Conclusion: