

# CLEANING LABORATORY EVALUATION SUMMARY

**SCL #:** 2002  
**DateRun:** 05/08/2002  
**Experimenters:** Purav Dave  
**ClientType:** Lab  
**ProjectNumber:** Project #1  
**Substrates:** Stainless Steel  
**PartType:** Coupon  
**Contaminants:** Latex binder  
**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 with water at 120 F.  
 Drying: 1 min. with heat gun at 500 F.  
 Contaminant: latex Binder Mix,  
 CAS#: 9016-45-, 79-06-1, 7664-41-7, 924-42-5, 50-00-0, 133386-4, 57-55-6, 7732-18-5

## Results:

### Summary:

<b>Substrates:</b>	Stainless Steel				
<b>Contaminants:</b>	Latex binder				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Kyzen Corporation	Ionox HC 2	100	46.89	<input type="checkbox"/>	
Safe Science Inc	Heavy Duty Kitchen Cleaner F1	5	54.42	<input type="checkbox"/>	
Safe Science Inc	Heavy Duty Kitchen Cleaner F2	5	33.32	<input type="checkbox"/>	
Sysco Corporation	Heavy Duty Kitchen Cleaner	5	57.28	<input type="checkbox"/>	
Dow Chemical Company	XUS 40570 Development Solvent	100	59.59	<input type="checkbox"/>	
Dow Chemical Company	XUS 40579 Development Solvent	100	54.60	<input type="checkbox"/>	
Oakite Products	Inproclean 61 B		36.25	<input type="checkbox"/>	Cocentration: 20.6g/ml
Oakite Products	Inproclean 2300		-6.03	<input type="checkbox"/>	Concentration: 426 g/l
Magnaflux	Daraclean 121	5	23.77	<input type="checkbox"/>	

**Conclusion:** None of the cleaners were effective.