CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 05/09/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Mold Releases

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: 5 min. manual with water at 120 F
Drying: 1 min. with heat gun at 500 F.
Contaminant: GE SM-2163
Silicone Emulsion
CAS# 112945-52-5

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Mold Releases				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Kyzen Corporation	Ionox HC 2	100	97.89	☑	
Safe Science Inc	Heavy Duty Kitchen Cleaner F1	5	95.06	☑	
Safe Science Inc	Heavy Duty Kitchen Cleaner F2	5	82.97	☐	
Dow Chemical Company	XUS 40570 Development Solvent	100	96.96	☑	
Dow Chemical Company	XUS 40579 Development Solvent	100	83.03	☐	
Oakite Products	Inproclean 61 B		99.40	☑	concentration: 20 g/l
Oakite Products	Inproclean 2300		97.77	☐	Concentration: 20 g/l
Magnaflux	Daraclean 121	5	97.60	☑	
Sysco Corporation	Heavy Duty Kitchen Cleaner	5	90.03	☑	

Conclusion: