CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2009

DateRun: 01/11/2009

Experimenters: Jason Marshall

ClientType: Cleaner Manufacturer

ProjectNumber: Project #1

Substrates: Plastic

PartType: Coupon

Contaminants: Salts

Cleaning Methods: Manual Wipe

Analytical Methods: Visual

Purpose: To evaluate supplied product for deicing material removal from tile flooring.

Experimental Procedure: The supplied product was used to remove the residue from floors caused from the deicing products and salt in the winter. Two other products and water were selected for comparison cleaning.

A sample of Reactor Ice Meltzer was dissolved in 200 ml of water. The salt/water mixture was applied onto the supplied vinyl tile and allowed to dry. The tile was divided into four sections. Each section was cleaned with a product by immersing a piece of cheese cloth material to imitate a wet mop. The cloth was immersed into a beaker simulating the use of a mop bucket. Observations were made as to effectiveness and drying time by a panel of three lab personnel.

Results: During cleaning, the drying time of the supplied cleaner was faster than two of the three alternatives. The third product dried in a similar amount of time. One product left a lot of streaking behind during the cleaning process. The water had trouble wetting the surface during cleaning. Observations and rankings are listed in the table.

Cleaner	Observations	Rank 1	2	3	Ave
Winterclean	Dried quickly, not spots	1	2	2	1.7
Formula 409 All Purpose	Long drying time, streaks and foamy residue	4	4	4	4
Eco Cleaner	Dried quickly	3	1	1	1.7
Water	Trouble wetting surface	2	3	3	2.3

Summary:

Substrates:	Plastic				
Contaminants:	Salts				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Next-Gen Supply Group	PC 117 Winterclean	100	0.00	☑	
Clorox Company	Formula 409 All Purpose Cleaner	100	0.00	☐	
1st Envirosafety Inc. - No Longer Exists	Ecco Commercial Cleaner - For Comparison Purposes Only	6.25	0.00	☑	
Water	Water	100	0.00	☐	

Conclusion: The supplied product was ranked equally with a second product but dried faster than the other products.