

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007
 DateRun: 10/10/2007
 Experimenters: Jason Marshall, Shweta Bansal, Andrea Cheeseman
 ClientType: General
 ProjectNumber: Project #2
 Substrates: Liquid
 PartType: Coupon
 Contaminants:
 Cleaning Methods:
 Analytical Methods: Smell
 Purpose: To evaluate hard surface cleaners for odor.

Experimental Procedure: Twelve alternative products and two current products were put into glass bottles and capped. Three lab personnel independently ranked the products from least smell to most odor. The overall ranking of the product was based on the average of the three rankings.

Results: The four products from Gemtek were ranked in the top five for least amount of odor. Rochester Midland's EnviroCare Washroom Cleaner was the other product in the top five. The two current products were ranked in the bottom third. The table lists the rankings from the three employees, the average ranking and the normalized relative ranking.

| Manufacturer | Product | Rank 1 | Rank 2 | Rank 3 | Average | Relative Rank |
|------------------------|---------------------------------|-----------|-----------|-----------|---------|------------------|
| Bio-Kleen | BKP 130 | 8 | 14 | 10 | 10.7 | 10 |
| Clean Environment Co. | Super Citrus Clean | 12 | 10 | 9 | 10.3 | 9 |
| Gemtek Products | SC Bathroom Cleaner | 3 | 6 | 4 | 4.3 | 5 |
| Gemtek Products | SC Floor and Tile Cleaner | 1 | 4 | 2 | 2.3 | 1 |
| Gemtek Products | SC Multi-Surface Cleaner | 2 | 5 | 3 | 3.3 | 2 |
| Gemtek Products | SC Odor-Ex Cleaning Deodorizer | 4 | 7 | 1 | 4 | 3 |
| Rochester Midland Corp | EnviroCare Low Foam All Purpose | 7 | 2 | 7 | 5.3 | 6 |
| Rochester Midland Corp | EnviroCare Neutral Disinfectant | 9 | 13 | 13 | 11.7 | 13 |
| Rochester Midland Corp | EnviroCare Tough Job Cleaner | 5 | 8 | 6 | 6.3 | 7 |
| Rochester Midland Corp | EnviroCare Washroom Cleaner | 6 | 1 | 5 | 4 | 3 |
| Spartan | Restroom Cleaner | 14 | 12 | 11 | 12.3 | 14 |
| Spartan | Tribase | 10 | 3 | 12 | 8.3 | 8 |
| Wex-Pro | Neutral Cleaner Concentrate | 13 | 11 | 8 | 10.7 | 10 |
| Wex-Pro | Wex-Cide 128 | 11 | 9 | 14 | 11.3 | 12 |

Summary:

Conclusion: A majority of the products evaluated for odor were rated better than the two current products.

CLEANING LABORATORY EVALUATION SUMMARY