

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003
 DateRun: 12/11/2003
 Experimenters: Jason Marshall
 ClientType: Chemical Company
 ProjectNumber: Project #1
 Substrates:
 PartType: Coupon
 Contaminants: Buffing/Polishing Compounds
 Cleaning Methods:
 Analytical Methods:
 Purpose: To generate a list of alternative products for buffing compound removal
 Experimental Procedure: Using the laboratory's database for solvent cleaning substitution, the lab generated the following lists of products. The products have been evaluated at SSL under similar conditions to the client's criteria.
 Results: The generated the following products that have been found to remove buffing compounds. The specific buffing compounds are also listed.

Contaminant Specifics Info

- Buffing compound
- Buffing compound - Anchor Chemical Co, Anchor Spin G-10
- Buffing compound - Jackson Lea Antique Buffing compound LM-12 (9000-70-8,1344-28-1,409-21-2,1309-37-1)
- Buffing Compound - Jackson Lea Learok 7-S-3 Buffing compound (102-71-6, 14808-60-7, 1317-95-9)
- Buffing compound - Jackson Lea Plastibratd F-18 (1332-58-7, 1344-09-8, 1344-28-1, 9000-70-8))
- Buffing compound - Jackson-Lea Manufacturing Co, 6B-71(1344-28-1)
- Buffing compound - Jackson-Lea Polishing & Buffing Compound LPTL-22A (1344-28-1, 9000-70-8)
- Buffing compound - M.P. Iding Co. Gritite
- Buffing compound - Matchless Metal Polishing Co, 516 Tripoli Compound
- Buffing compound - Matchless Metal Polishing Co, Z-230 Buffing Compound (7429-90-5)
- Buffing compound - Polishing compounds
- Buffing compound - The Lea Manufacturing Company Learok 2-B-111 - Abrasive, Fatty acids, Glycerides and petroleum wax/oil mix-silica dust (14808-60-7)
- Buffing compound - Tripoli Buffing Compound
- Buffing compound (119-47-1, 8052-10-6)
- Buffing compound (13-28-1)
- Buffing compound (64-56-1, 1314-13-2, 119-47-1)

| CompanyName | ProductName | ClassificationDescription |
|-----------------------|--------------------------|---------------------------|
| Abatement Technology | Bio Might 100 | Alkaline Aqueous |
| Alconox Inc | Alcojet | Powder Detergent-Alkaline |
| AW Chesterton | 181 Low Alkaline Cleaner | Alkaline Aqueous |
| AW Chesterton | 278 Super Solv | Petroleum Distillate |
| Bio Chem Systems | Bio T Foam Plus | Terpene |
| Bio Chem Systems | Bio T Max | Terpene-Semi-Aqueous |
| Brulin Corporation | Formula 815 GD | Alkaline Aqueous |
| Brulin Corporation | Natural Sol 100 | Alkaline Aqueous |
| Buckeye International | Immersion Cleaner | Alkaline Aqueous |
| Buckeye International | Shopmaster HP | Alkaline Aqueous |
| Buckeye International | Shopmaster LPH | Alkaline Aqueous |

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|------------------------------------|--|------------------|
| Calgon Corporation | Geo Guard 2215 | Alkaline Aqueous |
| Calgon Corporation | GP Xtra | Alkaline Aqueous |
| Chrisal USA Inc | Super CMF 240 | Alkaline Aqueous |
| Emkay Chemical Company | Safety Wash | Alkaline Aqueous |
| International Products Corporation | Micro 90 | Alkaline Aqueous |
| LPS Laboratories | LPS Precision Clean | Alkaline Aqueous |
| MacDermid | ND 17 | Alkaline Aqueous |
| Magnaflux | Daraclean 282 | Alkaline Aqueous |
| Magnaflux | Daraclean 282 GF | Alkaline Aqueous |
| Magnuson Products | Permag S-4 | Alkaline Aqueous |
| Matchless Metal Polish Company | MC 132 | Alkaline Aqueous |
| Matchless Metal Polish Company | MC 580 | Alkaline Aqueous |
| Oakite Products | Citradet | Semi-Aqueous |
| Oakite Products | Inproclean 3800 | Alkaline Aqueous |
| Safe Science | Safe Science Engine Degreaser (Industrial) | Terpene |
| Savogran | Dirtex Prepaint Cleaner | Alkaline Aqueous |
| Simple Green | Simple Green D | Alkaline Aqueous |
| Texo Corporation | Texolite 1734 XL | Alkaline Aqueous |
| Tomah Products | Tomadyne Mix | Neutral Aqueous |
| US Polychem Corporation | Polyspray Jet 790 P | Alkaline Aqueous |
| Valtech Corporation | Valtron SP 2250 2LF | Alkaline Aqueous |

Summary:

Conclusion:

Cleaning varies from case to case. The SSL recommends process specific testing on potential replacement cleaning chemicals. If more information is needed on a particular product, or you are interested in conducting cleaning trials, please contact the lab at (978)934-3133.