CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	08/26/2002
Experimenters:	Jason Marshall
ClientType:	State Agency
ProjectNumber:	Project #1
Substrates:	Aluminum, Brass, Carbon Steel, Copper, Galvinized Steel, Nickel, Stainless Steel, Steel, Tin, Iron, Titanium
PartType:	Coupon
Contaminants:	Inks, Paints
Cleaning Methods:	Manual Wipe
Analytical Methods:	
Purpose:	Looking for a substitute to using Shellite which is a solvent made up of paraffins and naphthenes, n-hexane, aromatics and benzene.
Experimental Procedure:	This product is being used to clean printers ink off large scanners where maps are scanned. Cleaning film and negatives for maps. Used on the overlay to remove pencil marks etc. It is used in an open office environment and I am requesting that it be banned from use but would like to offer an alternative product that is not a health hazard and is environmentally sound.
Results:	Using the laboratory's database on effective testing, the following products were identified as effective cleaners for inks or paints:

CompanyName	Product Name	Classification	Total Effective Testing
Accurate Manufactured Products	Safety Layout Blue Remover	Terpene	1
AG Environmental Products	Soy Gold 1000	Organic	1
Armex	Sodium Bicarbonate	Blasting	6
AW Chesterton	181 Low Alkaline Cleaner	Alkaline Aqueous	3
Bio Chem Systems	Bio T Max	Terpene-Semi-Aqueous	11
Brulin Corporation	Compliance	Caustic	2
Brulin Corporation	Natural Sol 100	Alkaline Aqueous	1
Buckeye International	Shopmaster RC	Ester	1
Calgon Corporation	Geo Guard 4017	Alkaline Aqueous	1
Calgon Corporation	GP Xtra	Alkaline Aqueous	1
Chrisal USA, Inc.	Super CMF 240	Alkaline Aqueous	2
Drummond American	Keynote	Neutral Aqueous	3
Du Pont	DBE 4	Ester	1
Ecolink	Safe Strip	Organic	2
Exxon Chemical	Aromatic 100 Solvent	Organic	1
Finger Lakes Chemicals	1-1-02	Terpene	1
Finger Lakes Chemicals	Resineater	Terpene	5
	D-Limonene	Terpene	2

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Florida Chemical Co			
Gemtek Products	SC 1000	Alkaline Aqueous	1
Gemtek Products	SC Supersolve	Organic	1
Inland Technologies Inc	EP 921	Organic	1
Inland Technologies Inc	Teksol	Terpene	1
Loctite Corporation	7360	Ester	6
MacDermid	ND 17	Alkaline Aqueous	2
Master Chemical Corp	Trim Rinse 100	Alkaline Aqueous	10
Metabolix Inc.	Metabolix E3HB	Ester	1
Mirachem Corporation	Mirachem 500	Alkaline Aqueous	2
National Diagnostic	Opti Clear	Terpene	2
Oakite Products	Inproclean 4000 T	Terpene-Organic	2
Simple Green	Crystal Simple Green Industrial Cleaner	Alkaline Aqueous	2
Solvent Kleene, Inc.	D-Greeze 500 LO	Organic	1
SWR Corp	SWR One	Alkaline Aqueous	2
Tarksol, Inc.	Tarksol HTF-60	Terpene	2
Today & Beyond	Beyond-2003	Alkaline Aqueous	1
Twin Rivers Corp	Methyl Ester 1618	Ester	3
U.S. Polychem Corp.	Polyspray Jet 790 XS	Alkaline Aqueous	1
Warren Chemical Co	Sea Wash Neutral	Neutral Aqueous	2

Summary:

Substrates:	Aluminum, Brass, Carbon Steel, Copper, Galvinized Steel, Nickel, Stainless Steel, Steel, Tin, Iron, Titanium				
Contaminants:	Inks, Paints				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
No Specific Vendor	Supplied alternatives list		0.00	☐	

Conclusion: Cleaning varies from case to case, please contact the lab for process specific testing at (978)934-3133.