CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 06/16/1999

Experimenters: Jason Marshall

ClientType: Consultant

ProjectNumber: Project #1

Substrates: Ceramics, Alumina

PartType: Coupon

Contaminants: Alcohol

Cleaning Methods:

Analytical Methods:

Purpose: Information request for cleaning alcohol

Experimental Procedure: SUBSTRATE MATERIAL: Ceramics- Al2O3
QUESTION ASKED: Request a listing of possible product that could be used to clean Poly Vinyl Alcohol (Elvanol) from alumina surfaces.

Results: RESPONSE/ANSWER: The Massachusetts Toxics Use Reduction Institute (TURI) has made the results of the tests conducted at the Institute's Surface Cleaning Laboratory (SCL) into a searchable database/ spreadsheet format. This should make alternative cleaner selection faster and easier. Here are the results of your query, based on the information supplied: Table 1 is a listing of cleaners that met specifications according to your input from the Test Request form. The information was based on vendor supplied data. Table 2 is from the lab's Effective Tests Conditions Database. The products listed had been tested on a contaminant which was similar to the one listed on your request.

Company Name:	Product Trade Name	Classification:
Abatement Technology	Bio-Might 100	Alkaline aqueous
AG Environmental	Soy Gold 1000	Soy Methyl Ester
AG Environmental	Soy Gold 2000	Soy Methyl Ester
Alconox	Alcojet	Alkaline powder
Alconox	Citranox	Acidic Aqueous
Alconox	Det-O-Jet	Alkaline aqueous
Alconox	Detergent - 8	Alkaline aqueous
Alconox	Luminox	Aqueous
Bush Boake Allen Inc	BBA Solvent K312	Terpene
Calgon Corporation	AC 8015	Acidic Aqueous
Chem-Tech International Inc	Green Thunder	Alkaline Aqueous
Cleaning Systems	Release	Alkaline Aqueous
CRC Industries Inc	Complex Blue	Alkaline Aqueous
Ecolink	2005	HCFC
Ecolink	Positron	Terpene
EMKAY	Safety Wash	Alkaline Aqueous
EMKAY	Safety Wash Clear	Akaline Aqueous
Environmental Services Group	TASC	Alkaline Powder
Environmental Technology		Alkaline Aqueous

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	RB Degreaser Cleaner	
Envirosolutions	BIO-T 300 B	Semi-Aqueous Terpene
Envirosolutions	BIO-T Max	Semi-Aqueous Terpene
Gemtek Products	SC 1000	Non-ionic Surfactant System
Gemtek Products	SC Supersolve	Organic
Innovative Organics Inc	Amber Clean SC 11	Alkaline Aqueous
International Products Corporation	MICRO 90	Alkaline Aqueous
Oakite Products	InproClean 3800	Alkaline Aqueous
Oakite Products	InproClean 4000 T	Semi-Aqueous Terpene
Safe CleanUp	Super-Neutral	Aqueous
Savogran	HD 34	Semi-Aqueous
Savogran	Safety-Solve	Di-Methyl Ester
Savogran	SI #8 Coating Remover	Alcohol
Solvent Kleene	D-Greeze 500	Hydrocarbon Solvent
Star Cleaning Miracle Inc	Star Cleaning Miracle #50	Alkaline Aqueous
SWR Corp	SWR One	Alkaline Aqueous

Table 2. Cleaning Trials Conducted on Similar Contaminant

CAS# 67-56-1		
SCL #	Cleaner Mfr	Cleaning Chem
97-541-01-1	Brulin	Compliance
97-541-01-1	Loctite	7360
98-541-03-2	Envirosolutions	Bio-T Max
98-541-03-2	Inland Technology	Safety Prep
98-541-03-2	Oakite Products	Fisan Versaclean
98-541-03-2	Solvent Kleene	D-Greeze 500
98-541-04-2	Envirosolutions	Bio-T Max
98-541-04-2	Solvent Kleene	D-Greeze 500

Summary:

Conclusion: Cleaning projects vary from case-to-case. To obtain more detailed information about any of the listed trials, have the SCL # ready when contacting the lab at (978)934-3133. An additional table has been included, listing all of the vendor recommended uses for the products listed in Table 1.