CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001

DateRun: 05/09/2001

Experimenters: Jason Marshall

ClientType: Electronics Manufacturer

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants:

Cleaning Methods:

Analytical Methods:

Purpose: Information request

Experimental Procedure: Would like a list of products that have been used to clean aluminum parts

Results: Using SCL's database of testing, a list was generated for product that have been used to to clean aluminum is also listed.

Cleaner Mfr	PRODUCT NAME	Classification
3M	HFE 71DE	Hydrofluoro ether
AG Environmental Products	Soy Gold 1000	Soy Methyl Ester
AG Environmental Products	Soy Gold 2000	Soy Methyl Ester
Alconox Inc	Luminox	Aqueous
Alconox Inc	Detergent 8	Alkaline aqueous
ARMEX	SODIUM BICARBONATE	Powder
AW CHESTERTON	KPC 820 N	Alkaline aqueous
BCS COMPANY	ULTRA BLUE 100	Alkaline aqueous
BO CHEM CO	T 110	Alkaline aqueous
BRANSON	GP	Alkaline aqueous
Brulin	815 GD	Alkaline Aqueous
Brulin	63 G	Alkaline aqueous
Brulin	COMPLIANCE	Alkaline Aqueous
Buckeye International Inc	SHOPMASTER	Alkaline Aqueous
Calgon Corporation	GEO GUARD 2215	Alkaline Aqueous
Calgon Corporation	SMS 206 K	Alkaline Aqueous
Calgon Corporation	RT 806	Alkaline Powder
Chemstation	Green Stuff Neutral	Neutral Aqueous
Chrisal USA Inc	Super CMF 240	Alkaline Aqueous
Cleansafe Solutions	Solution 2000	Alkaline aqueous
Drummond American	Keystone	Alkaline aqueous
Drummond American	Clout	Alkaline aqueous

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Drummond American	Keynote RTU	Alkaline aqueous
Ecolink Inc	VORTEX	Semi-Aqueous Terpene
Ecolink Inc	HvyWt Non Butyl Cleaner	
Ecolink Inc	Positron	Terpene
EMKAY CHEMICAL CO	SAFETY WASH CLEAR	Alkaline aqueous
EMKAY Chemical Company	Saftey Wash CRC	Alkaline aqueous
Ensolve Biosystems	Grease Feast Plus	Neutral Aqueous
Environmental Services	TASC	
EnviroSolutions Inc	SOLSAFE 245	Alcohol-aliphatic hydrocarbons
EnviroSolutions Inc	BIO T MAX	Semi-Aqueous Terpene
EnviroSolutions Inc	BIO T V 50	Semi-Aqueous Terpene
Fine Organic Corporation	FO 2085 M	Alkaline Aqueous
Gemtek Products	SC 1000	Non-ionic Surfactant System
Gemtek Products	SC Aircraft & Metal Cleaner	Alkaline Aqueous
Heatbath Corporation	Multikleen 1568	Alkaline aqueous
Heatbath Corporation	Alukleen 36	Acidic aqueous
Heatbath Corporation	Powerwash Cleaner BCR	Alkaline aqueous
Hotsy Cleaning Systems	TUBMATE ALL PURPOSE CLEANER	Alkaline aqueous
Hurri Kleen Corp	Special Formula	Alkaline Aqueous
Hurri Safe	Hot Immersion Degreaser	Alkaline aqueous
Inland Technologies Inc	Citrasafe	Semi-Aqueous
International Products Corp	Micro 90	Alkaline Aqueous
Kleer Flo Company	Greaseoff 2	Alkaline Aqueous
Kyzen Corporation	Ionox FCR	Semi-Aqueous Alcohol
Loctite Corporation	7360	Aliphatic Ester
MACDERMID	ND SUPREME	Alkaline Aqueous
MacDermid	ND LF Supreme	Alkaline Aqueous
MAGNUM RESEARCH	ALUMINUM AERO WASH	Alkaline aqueous
Man Gill Chemical	Gillite 160 X	Alkaline Aqueous
Matchless Metal Polish Company	MC 580	Alkaline Aqueous
Matchless Metal Polish Company	MC 132	Alkaline Aqueous

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Mirachem Corporation	MIRACHEM 500	Alkaline Aqueous
MIX	CHEM CREST / ALMET B	Alkaline aqueous
New Pig Corporation	Degreaser	
New Pig Corporation	Hoofmark Industrial Degreaser	
New Pig Corporation	Hoofmark All Purpose	
Oakite Products Inc	Inproclean 3800	Alkaline Aqueous
Oakite Products Inc	INPROCLEAN 2500	Alkaline Powder
Oakite Products Inc	INPROCLEAN 4000 T	Semi-Aqueous Terpene
Occidental Chemical Corp	Oxsol 100	Chlorobenzotrifluoride
ROCHESTER/ CHEMEX/NaOH MIX	SPLIT/110/ NaOH	Caustic
SAFE CLEANUP	Super Neutral	Aqueous
Safe Science	Safe Science Engine Degreaser (Industrial)	
Safety Kleen Corporation	PREMIUM GOLD	Petroleum Distillate
Savogran Company	Dirtex Prepaint Cleaner	Alkaline aqueous
Solvent Kleene Inc	D Greeze 500 LO	Hydrocarbon Solvent
STEAM	Steam	Water
SWR CORP	SWR ONE	Alkaline Aqueous
Tarksol Incorporated	HTF 50	Semi-Aqueous Terpene
Tarksol Incorporated	HTF 85 B	Terpene
TEXO Corporation	Texolite 17345L	Alkaline aqueous
Today & Beyond	Beyond 2001	Alkaline aqueous
Tower Products	270 Cleaner Concentrate	Alkaline aqueous
Turco Products Inc	5948 DPM	
United Laboratories	United 450 All Clear	Alkaline aqueous
United Laboratories	United 2002 Harvest Gold	
US Polychemical Corp	Polychem A 2000 XS	Alkaline Aqueous
US Polychemical Corp	Polychem DEOX 007	Alkaline Aqueous
US Polychemical Corp	Polyspray Jet 790 XS	Alkaline Aqueous
US Polychemical Corp	Polyspray Jet 790 P	Alkaline Aqueous
	Sea Wash 700	Neutral Aqueous

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Warren Chemical Corporation		
Warren Chemical Corporation	Sea Wash 700 N	Neutral Aqueous
Warren Chemical Corporation	SEA WASH 8 (NEW)	Neutral Aqueous
Warren Chemical Corporation	SEA WASH 8 (OLD)	Neutral Aqueous
WATER	WATER	Water
WATER	DI WATER	Water
Westford Chemical Corporation	Biosolve	Neutral Aqueous
WR Grace & Co Conn	DARACLEAN 232	Alkaline Aqueous
WR Grace & Co Conn	DARACLEAN 283	Alkaline Aqueous
WR Grace & Co Conn	DARACLEAN 282	Alkaline Aqueous
WR Grace & Co Conn	DARACLEAN 282 GF	Alkaline Aqueous
WR Grace & Co Conn	DARACLEAN 235	Alkaline Aqueous
WR Grace & Co Conn	Daraclean 200	Alkaline Aqueous
ZEP CO	DYNA 143	Petroleum Distillate

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