

**SURFACE CLEANING LABORATORY--CLEANING CHEMICAL QUESTIONNAIRE**

*B3*

Use a separate questionnaire for each cleaning chemical you want listed in the Directory.

Company Name: Cleansafe Solutions  
 Product Name: Solution 2000

MSDS sheets and any technical data sheets must be submitted.

Meets Specified Standard(s): ASTM:                      MIL Spec:                      FDA:                      Other Standards:                     

**Primary Cleaner Classification (Check only one)**

- |  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> Acidic Aqueous              | <input type="checkbox"/> Semi-Aqueous         | <input type="checkbox"/> Powder Detergent    | <input type="checkbox"/> HCFC                     |
| <input type="checkbox"/> Neutral Aqueous             | <input type="checkbox"/> Terpene              | <input type="checkbox"/> Enzymatic/Microbial | <input type="checkbox"/> Alcohol                  |
| <input checked="" type="checkbox"/> Alkaline Aqueous | <input type="checkbox"/> Petroleum Distillate | <input type="checkbox"/> Blasting            | Other Classification: <u>                    </u> |
| <input type="checkbox"/> Caustic                     | <input type="checkbox"/> Organic              | <input type="checkbox"/> Extracting          |   |

**Chemical Constituents (Check all that apply and Specify)**

**Cleaner Containing:**

Builder:                       
 Surfactant: Y  
 Emulsifier: Y  
 Saponifier:                       
 Rinse Aid/Silicate:                     

**At Least Some Water (\_\_\_\_%)**

Water Conditioner/Sequestering/  
 Chelating Agent:                       
 Corrosion Inhibitor/ Rust  
 Prohibitor:                       
 Anti-Microbial:                     

**OR No/Minimal Water**

Supercritical Fluid:                       
 Blasting Media:                       
 Other Constituents: wetting agent and hyper wetting agents

**Industrial Applications (Number all that apply, Most Used = 1)**

- |  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> Aerospace/Military: | <input type="checkbox"/> Metal Finishing:   | <input type="checkbox"/> Printed Circuit Boards: | <input type="checkbox"/> Semiconductors:              |
| <input type="checkbox"/> Cleanrooms:         | <input type="checkbox"/> Metal Fabrication: | <input type="checkbox"/> Plastics:               | <input checked="" type="checkbox"/> General Cleaning: |
| <input type="checkbox"/> Basic Electronics:  | <input type="checkbox"/> Optics:            | <input type="checkbox"/> Precision Instruments:  | <input type="checkbox"/> Maint/Repair:                |
| <input type="checkbox"/> Medical:            | <input type="checkbox"/> Painting:          | <input type="checkbox"/> Printing:               | Other Applications: <u>                    </u>       |

**Contaminant Removal (Check all that apply and specify, if possible)**

- |  |  |  |  |   |
|--|--|--|--|---|
| <input type="checkbox"/> Adhesive                    | <input type="checkbox"/> Coatings                          | <input checked="" type="checkbox"/> Greases                  | <input type="checkbox"/> Mold Releases/Silicones | <input type="checkbox"/> Rust/Scale             |
| <input type="checkbox"/> Buffing/Polishing Compounds | <input checked="" type="checkbox"/> Cutting/Tapping Fluids | <input type="checkbox"/> Inks                                | <input type="checkbox"/> Paints                  | <input type="checkbox"/> Waxes                  |
| <input type="checkbox"/> Carbon Deposits             | <input type="checkbox"/> Fluxes                            | <input checked="" type="checkbox"/> Lubricating/Lapping Oils | <input type="checkbox"/> Resins/Rosins           | Other Contaminants: <u>                    </u> |

**Substrate Compatibility (Check all that apply)**

- |  |  |   |   |  |
|--|--|---|---|--|
| <input checked="" type="checkbox"/> Aluminum                         | <input checked="" type="checkbox"/> Carbon Steel     | <input checked="" type="checkbox"/> Glass/Quartz                      | <input checked="" type="checkbox"/> Rubber          | <input checked="" type="checkbox"/> Nickel |
| <input type="checkbox"/> Alloys Specify: <u>                    </u> | <input checked="" type="checkbox"/> Ceramics         | <input checked="" type="checkbox"/> Gold                              | <input checked="" type="checkbox"/> Stainless Steel | <input type="checkbox"/> Tin               |
| <input checked="" type="checkbox"/> Brass                            | <input checked="" type="checkbox"/> Copper           | <input type="checkbox"/> Plastic Specify: <u>                    </u> | <input checked="" type="checkbox"/> Steel           | Other Substrate: <u>carpet</u>             |
|  | <input checked="" type="checkbox"/> Galvanized Steel |   | <input type="checkbox"/> Sterling/Silver            |  |

**Equipment Compatibility (Check all that apply Specify, if applicable)**

- |  |  |  |  |
|--|--|--|--|
| <input type="checkbox"/> Cold Solvent              | <input type="checkbox"/> Mechanical Agitation  | <input checked="" type="checkbox"/> Low Pressure Spray   | Other Equipment: <u>                    </u> |
| <input type="checkbox"/> Vapor Degreasing          | <input type="checkbox"/> Ultrasonics           | <input type="checkbox"/> High Pressure Spray             |  |
| <input type="checkbox"/> Manual Wipe               | <input type="checkbox"/> Media Blasting        | High-Low Pressure Range: <u>                    </u> psi |  |
| <input checked="" type="checkbox"/> Immersion/Soak | <input type="checkbox"/> Supercritical Extract |  |  |

Recommended Concentrations: 0.5-30 Percent Volume (range)

Recommended Temperatures:                      Deg. F (range)

**Important Physical and Chemical Properties:**

pH: 8.5

Hazardous Material Information System  
 Health  0 Fire  0 Reactivity  0

National Fire Protection Association  
 Health  Fire  Reactivity

Maximum Theoretical VOC content:                     

Global Warming Potential:                     

Ozone Depletion Potential:                     

Surface Tension:                     

Kb value:                     

Density:                     

Other Characteristics:                     

Cost per pound/gallon: \$2.00/gal 3.54/gal

Additional Information: 99% biodegradable in 7 days, non toxic, non corrosive, non caustic, non acid, non hazardous, non fuming, non flammable, non explosive, non polluting