

SURFACE CLEANING LABORATORY--CLEANING CHEMICAL QUESTIONNAIRE

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

Company Name:

MSDS sheets and any technical data sheets must be submitted.

Product Name:

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

Primary Cleaner Classification (Check only one)

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

Chemical Constituents (Check all that apply and Specify)

- | | | |
|--|---------------------------------------|---|
| Cleaner Containing: | At Least Some Water (___ %) | OR No/Minimal Water |
| Builder: <input type="text"/> | Water Conditioner/Sequestering/ | Supercritical Fluid: <input type="text"/> |
| Surfactant: <input type="text"/> | Chelating Agent: <input type="text"/> | Blasting Media: <input type="text"/> |
| Emulsifier: <input type="text"/> | Corrosion Inhibitor/ Rust | Other Constituents: <input type="text" value="D-limonene"/> |
| Saponifier: <input type="text"/> | Prohibitor: <input type="text"/> | |
| Rinse Aid/Silicate: <input type="text"/> | Anti-Microbial: <input type="text"/> | |

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 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: <input type="text"/> |

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

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

Substrate Compatibility (Check all that apply)

- | | | | | |
|---|--|--|---|--|
| <input checked="" type="checkbox"/> Aluminum | <input checked="" type="checkbox"/> Carbon Steel | <input checked="" type="checkbox"/> Glass/Quartz | <input type="checkbox"/> Rubber | <input checked="" type="checkbox"/> Nickel |
| <input type="checkbox"/> Alloys Specify: <input type="text"/> | <input type="checkbox"/> Ceramics | <input type="checkbox"/> Gold | <input checked="" type="checkbox"/> Stainless Steel | <input checked="" type="checkbox"/> Tin |
| <input type="checkbox"/> Brass | <input checked="" type="checkbox"/> Copper | <input type="checkbox"/> Plastic Specify: <input type="text"/> | <input checked="" type="checkbox"/> Steel | Other Substrate: <input type="text"/> |
| | <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: <input type="text"/> |
| <input type="checkbox"/> Vapor Degreasing | <input type="checkbox"/> Ultrasonics | <input checked="" type="checkbox"/> High Pressure Spray | |
| <input checked="" type="checkbox"/> Manual Wipe | <input type="checkbox"/> Media Blasting | High-Low Pressure Range: <input type="text"/> psi | |
| <input checked="" type="checkbox"/> Immersion/Soak | <input type="checkbox"/> Supercritical Extract | | |

Recommended Concentrations: Percent Volume (range)

Recommended Temperatures: Deg. F (range)

Important Physical and Chemical Properties:

Maximum Theoretical VOC content:

Global Warming Potential:

Surface Tension:

Density:

Ozone Depletion Potential:

Kb value:

Other Characteristics:

Cost per pound/gallon:

Additional Information: