



TURI SURACE CLEANING LABORATORY CLEANING CHEMICAL QUESTIONNAIRE

See letter for submission instructions.

**Material Safety Data Sheet (MSDS)
MUST Be Attached
(and Technical Data Sheet, if availab**

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1. Product/Trade Name (Please use a separate questionnaire for each cleaning chemical you want listed in the Director
AC BOLS Generic Chemical Family: Phosphoric Acid Cleaner

Meets Specified Standard(s): ASTM: _____ Mil Spec: _____ FDA: _____ Other: _____

Primary Cleaner Classification (Check only one):

- Acidic Aqueous
- Neutral Aqueous
- Alkaline Aqueous
- Caustic
- Semi-Aqueous
- Terpene
- Petroleum distillate
- Organic
- Powder detergent
- Enzymatic/ Microbial
- Blasting
- Extracting
- HCFC
- Alcohol
- Other: _____

2. Chemical Constituents (Check all that apply & specify) Example Builder: Sodium Hydroxide 50% (as Concentrate)
Cleaner Containing: At Least Some Water (35%) OR No/Minimal Water

- Builder: _____
- Surfactant: _____
- Emulsifier: _____
- Saponifier: _____
- Other: _____
- Rinse aid/Silicate: _____
- Water conditioner/Sequestering/ Chelating agent: _____
- Corrosion inhibitor/Rust prohibitor: _____
- Anti-microbial: _____
- Supercritical fluid: _____
- Blasting medium: _____
- Other: _____

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

- Aerospace/Military
- Cleanrooms
- Basic Electronics
- Medical
- Metal Finishing
- Metal Fabrication
- Optics
- Painting
- PCBs
- Plastics
- Precision Instruments
- Printing
- Semiconductors
- General Cleaning (floors, etc.)
- Maint./Repair (engines, etc.)
- Other: _____

4. Contaminant Removal (Check all that apply & specify, if possible) Example Coatings Conformal

- Adhesives
- Buffing/polishing compounds
- Carbon deposits
- Coatings
- Cutting/tapping fluids
- Fluxes
- Greases
- Inks
- Lubricating/lapping oils
- Mold releases/Silicones
- Paints
- Resins/Rosins
- Rust/Scale
- Waxes
- Other: _____

5. Substrate Compatibility (Check all that apply)

- Aluminum
- Alloys (Specify): _____
- Brass
- Carbon steel
- Ceramics
- Copper
- Galvanized steel
- Glass/quartz
- Gold
- Plastic (Specify): _____
- Rubber
- Stainless steel
- Steel
- Sterling/silver
- Nickel
- Tin
- Other: _____

6. Equipment Compatibility (Check all that apply & specify, if applicable)

- Cold Solvent
- Vapor Degreasing
- Manual Wipe
- Immersion/Soak
- Mechanical Agitation
- Ultrasonics
- Media Blasting
- Supercritical Extract
- Low Pressure Spray _____ psi-range
- High Pressure Spray _____ psi-range
- Other: _____

7. Recommended Concentrations: 1 - 10% Percent Volume (range)

Recommended Temperatures: Amb - 140° Deg. F (range)

8. Important Physical and Chemical Properties:

Maximum theoretical VOC content: 1.6 lbs/gal

GWP: _____ Surface Tension: _____ Density: 1.28

ODP: _____ Kb value: _____ Other: _____

9. Cost per pound/gallon: Smallest-unit price: _____ Large-volume price: _____ US:

10. Additional pertinent information not found elsewhere on this form or MSDS: