



**TURI SURFACE CLEANING LABORATORY
CLEANING CHEMICAL QUESTIONNAIRE**

See letter for submission instructions.

B1

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

1. Product/Trade Name (Please use a separate questionnaire for each cleaning chemical you want listed in the Directory: Inpro-Clean 2500 Generic Chemical Family: _____

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

Primary Cleaner Classification (Check only one):
 Acidic Aqueous Semi-Aqueous Powder detergent Extracting
 Neutral Aqueous Terpene Enzymatic/ HCFC
 Alkaline Aqueous Petroleum distillate Microbial Alcohol
 Caustic Organic Blasting Other: alkaline

2. Chemical Constituents (Check all that apply & specify) Example Builder: Sodium Hydroxide 50% (as Concentrate)

Cleaner Containing: At Least Some Water (_____ %) OR No/Minimal Water

Builder: _____ Water conditioner/Sequestering/Chelating agent: _____ Supercritical fluid: _____

Surfactant: _____ Corrosion inhibitor/Rust prohibitor: _____ Blasting medium: _____

Emulsifier: _____ Anti-microbial: _____ Other: _____

Saponifier: _____

Other: _____

Rinse aid/Silicate: _____

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

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

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

<input type="checkbox"/> Adhesives	<input 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 type="checkbox"/> Inks	<input type="checkbox"/> Paints	<input type="checkbox"/> Waxes
<input type="checkbox"/> Carbon deposits	<input type="checkbox"/> Fluxes	<input type="checkbox"/> Lubricating/lapping oils	<input type="checkbox"/> Resins/Rosins	<input checked="" type="checkbox"/> Other: <u>oil</u>

5. Substrate Compatibility (Check all that apply)

<input type="checkbox"/> Aluminum	<input type="checkbox"/> Carbon steel	<input type="checkbox"/> Glass/quartz	<input type="checkbox"/> Rubber	<input type="checkbox"/> Nickel
<input type="checkbox"/> Alloys (Specify):	<input type="checkbox"/> Ceramics	<input 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):	<input type="checkbox"/> Steel	<input checked="" type="checkbox"/> Other: <u>ferrous metal</u>
	<input type="checkbox"/> Galvanized steel		<input type="checkbox"/> Sterling/silver	

6. 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 _____ psi-range
<input type="checkbox"/> Vapor Degreasing	<input type="checkbox"/> Ultrasonics	<input checked="" type="checkbox"/> High Pressure Spray _____ psi-range
<input type="checkbox"/> Manual Wipe	<input type="checkbox"/> Media Blasting	<input type="checkbox"/> Other: _____
<input checked="" type="checkbox"/> Immersion/Soak	<input type="checkbox"/> Supercritical Extract	

7. Recommended Concentrations: _____ Percent Volume (range) (4oz - 6oz per gal)
 Recommended Temperatures: 100° - 160° Deg. F (range)

8. Important Physical and Chemical Properties:
 Maximum theoretical VOC content: _____
 GWP: _____ Surface Tension: _____ Density: _____
 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:
see MSDS & Product Profile