



TURI SURFACE CLEANING LABORATORY CLEANING CHEMICAL QUESTIONNAIRE

See letter for submission instructions.

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 3800 Generic Chemical Family: _____

Meets Specified Standard(s): ASTM: F-945 Mil Spec: _____ FDA: _____ Other: Lawrence Hydrogen Embrittlement Test

Primary Cleaner Classification (Check only one): Type A

- ☐ 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 (____%)

OR No/Minimal Water

☐ Supercritical fluid: _____

☒ Builder: _____

☐ Water conditioner/Sequestering/
Chelating agent: _____

☒ Surfactant: _____

☐ Corrosion inhibitor/Rust
prohibitor: _____

☐ Emulsifier: _____

☐ Anti-microbial: _____

☐ Saponifier: _____

☐ Other: _____

☒ Rinse aid/Silicate: _____

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: aircraft / trans-
portation

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

- ☐ Adhesives
☒ Buffing/polishing
compounds
☐ Carbon deposits

- ☐ Coatings
☐ Cutting/tapping
fluids
☐ Fluxes

- ☐ Greases
☐ Inks
☐ Lubricating/
lapping oils

Example ☒ Coatings Conformal

- ☐ 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: 5-20% Percent Volume (range)
Recommended Temperatures: 40°-120° Deg. F (range)

8. Important Physical and Chemical Properties:

Maximum theoretical VOC content: _____

GWP: _____

ODP: _____

Surface Tension: _____

Kb value: _____

Density: 1.090 g/cc at
20°C

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 & Process Instructions)