



**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)

**Hurrisafe 9010 All Purpose Cleaner**

Generic Chemical Family: **Aqueous Cleaner**

Meets Specified Standard(s): ASTM: \_\_\_\_\_ Mil Spec: \_\_\_\_\_ FDA: \_\_\_\_\_ Other: **USDA**

Primary Cleaner Classification (Check only one):

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

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

**Cleaner Containing:** **At Least Some Water ( 90 %)** **OR No/Minimal Water**

Builder: 5% Water conditioner/Sequestering/ Supercritical fluid: \_\_\_\_\_

Surfactant: 2 % Chelating agent: 1 %

Emulsifier: 1% Corrosion inhibitor/Rust Blasting medium: \_\_\_\_\_

Saponifier: 1% prohibitor: \_\_\_\_\_

Rinse aid/Silicate Anti-microbial: \_\_\_\_\_ Other: \_\_\_\_\_

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

<b>1</b> Aerospace/Military	<b>2</b> Metal Finishing	PCBs	Semiconductors
Cleanrooms	<b>2</b> Metal Fabrication	Plastics	<b>1</b> General Cleaning (floors, etc.)
Basic Electronics	Optics	Precision Instruments	<b>1</b> Maint./Repair (engines, etc.)
Medical	<b>2</b> Painting	Printing	Other: _____

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

* <b>Adhesives</b>	Coatings	<b>Greases</b>	Mold releases/	Rust/Scale
<b>Buffing/polishing</b>	<b>Cutting/tapping</b>	Inks	Silicones	Waxes
<b>compounds</b>	<b>fluids</b>	<b>Lubricating/</b>	* <b>Paints</b>	<b>Oil</b>
<b>Carbon deposits</b>	Fluxes	<b>Lapping oils</b>	Resins/Rosins	Other: <b>Grease</b>

**\* water based adhesives and paints**

5. Substrate Compatibility (Check all that apply)

<b>Aluminum</b>	<b>Carbon steel</b>	Glass/quartz	<b>Rubber</b>	<b>Nickel</b>
Alloys (Specify):	<b>Ceramics</b>	<b>Gold</b>	<b>Stainless steel</b>	<b>Tin</b>
<b>Copper</b>	<b>Plastic (Specify):</b>	<b>Steel</b>	<b>Sterling/silver</b>	<b>Brass</b>
<b>Galvanized steel</b>	<b>Other: All Washable Surfaces.</b>			

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

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

7. Recommended Concentrations: **Ready To Use** Percent Volume (range) **N/A**

Recommended Temperatures: **Ambient** Deg. F (range) \_\_\_\_\_

8. Important Physical and Chemical Properties:

Maximum theoretical VOC content: **5 gm/l**

GWP: \_\_\_\_\_ Surface Tension: \_\_\_\_\_ pH **10.9** Density: \_\_\_\_\_

ODP: \_\_\_\_\_ Kb value: \_\_\_\_\_ HMIS: \_\_\_\_\_ Other: \_\_\_\_\_

9. Cost per pound/gallon: Smallest-unit price: **9.66 per gal** Large-volume price: **6.69 per gal.** **US\$**

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