

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)
NEUTRAL GREEN (8020) Generic Chemical Family: ALKALINE

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: _____ |

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

Cleaner Containing: At Least Some Water (50%) OR No/Minimal Water

☐ Builder: _____	☐ Water conditioner/Sequestering/	☐ Supercritical fluid: _____
☒ Surfactant: _____	Chelating agent: _____	☐ Blasting medium: _____
☐ Emulsifier: _____	☒ Corrosion inhibitor/Rust	☐ Other: <u>ANTI-FORM</u>
☐ Saponifier: _____	prohibitor: _____	
☐ Other: _____	☐ Anti-microbial: _____	
☐ Rinse aid/Silicate: _____		

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

- | | | | |
|--|---|--|---|
| ☒ Aerospace/Military | ☐ Metal Finishing | ☐ PCBs | ☐ Semiconductors |
| ☒ Cleanrooms | ☒ Metal Fabrication | ☒ Plastics | ☒ General Cleaning (floors, etc.) |
| ☒ Basic Electronics | ☐ Optics | ☐ Precision Instruments | ☒ Maint./Repair (engines, etc.) |
| ☐ Medical | ☒ Painting | ☒ Printing | ☒ Other: <u>PARTS CLEANING</u> |

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

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

5. Substrate Compatibility (Check all that apply)

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

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

- | | | |
|--|--|--|
| ☒ Cold Solvent | ☒ Mechanical Agitation | ☒ Low Pressure Spray <u>60-100</u> psi-range |
| ☐ Vapor Degreasing | ☒ Ultrasonics | ☐ High Pressure Spray _____ psi-range |
| ☒ Manual Wipe | ☒ Media Blasting | ☒ Other: <u>HEATED</u> |
| ☒ Immersion/Soak | ☐ Supercritical Extract | |

7. Recommended Concentrations: 1% - 50% Percent Volume (range)

Recommended Temperatures: AMBIENT TO 180°F. Deg. F (range)

8. Important Physical and Chemical Properties:

Maximum theoretical VOC content: 0

GWP: <u>0</u>	Surface Tension: _____	Density: _____
ODP: <u>0</u>	Kb value: _____	Other: _____

9. Cost per pound/gallon: Smallest-unit price: \$27.00/g Large-volume price: \$24.31/g US\$

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