



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 available)

132

1. Product/Trade Name (Please use a separate questionnaire for each cleaning chemical you want listed in the Directory):
Simple Green All-Purpose Cleaner / Degreaser 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: _____ |

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

Cleaner Containing:

At Least Some Water (_____ %) ☒ Builder: Confidential

OR No/Minimal Water

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

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 - Preparation | ☐ Printing | ☐ Other: _____ |

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

Example ☒ Coatings Conformal

- | | | | | |
|---|---|--|--|---------------------------------------|
| ☐ 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 _____ psi-range |
| ☐ Vapor Degreasing | ☒ Ultrasonics | ☒ High Pressure Spray _____ psi-range |
| ☒ Manual Wipe | ☐ Media Blasting | ☐ Other: _____ |
| ☒ Immersion/Soak | ☐ Supercritical Extract | |

7. Recommended Concentrations:

Recommended Temperatures: _____

Custom dilute
per cleaning jobs

Percent Volume (range)

Deg. F (range)

Full strength = Heavy cleaning
10:1 - 30:1 = Lighter clean
150:1 = Glass, mirror

8. Important Physical and Chemical Properties:

Maximum theoretical VOC content: < 50 g/L

GWP: _____

ODP: _____

Surface Tension: _____

Kb value: _____

Density: 8.55 lbs/gal

Other: _____

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

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