



TURI SURFACE SOLUTIONS LABORATORY CLEANING PRODUCT QUESTIONNAIRE

Material Safety Data Sheet (MSDS) and Technical Data Sheet (TDS)

MUST Be Attached

Use a **SEPARATE** questionnaire for each product you want entered in database.

1. Vendor Name: **Alpha Chemical Services** 2. Product/Trade Name **Machine Dish Detergent**

3. Major filed of cleaning (Check one): Parts Precision Janitorial/Facility

4. Specified Standard(s): ASTM: Mil Specs:
 FDA: Other: **DfE Performance Testing**

5. Important Physical and Chemical Properties – **Boxed items MUST be filled in for product to be in database:**

VOC (g/l): NFPA rating: H F R Surface Tension:
Global Warming Potential: HMIS rating: H F R Density:
Ozone Depletion Potential: pH: Kb value:

6. Primary Cleaner Classification (Check only one):

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

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

Cleaner Containing: At Least Some Water % OR No Water

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

8. Industrial Applications (Check all that applies, Circle **Most Used**)

Aerospace Medical Optics Printing
 Cleanrooms Metal Finishing Paint removal Semiconductors
 Basic Electronics Metal Fabrication Plastics Other1: **Dishwashing**
 Janitorial Cleaning Military Precision Instruments Other2:
 Maintenance/Repair (engines, etc.) Printed Circuit Boards Other3:

9. Contaminant Removal (Check all that applies)

Adhesives Fluxes Paints Oil -cutting/tapping fluids or lubricants
 Buffing/polishing Greases Resins Silicones Waxes
 Carbon deposits Inks Rosins Other1:
 Coatings Mold releases Rust/Scale Other2:

10. Substrate Compatibility (Check all that applies)

Aluminum Glass Plastic Silver
 Brass Gold Rubber Tin
 Ceramics Fiberglass Stainless steel Titanium
 Copper Nickel Steel – carbon, galvanized, etc Other1:
 Alloys (Specify): Other2:

11. Equipment Compatibility (Check all that applies)

Cold Solvent Media Blasting Ultrasonic
 Immersion/Soak Spray Washer Low (psi-range) Vapor Degreasing
 Manual Wipe Spray Washer High (psi-range) Other1:
 Mechanical Agitation Supercritical Extraction Other2:

12. Recommended Concentrations: % Volume range: Temperatures: Deg. F range:

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

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

Attached will be the form from NSF with the formulation of the product. (page 3 of the document)