



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 **Solid Machine Dish**

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):	0	NFPA rating: H	1	F	0	R	0	Surface Tension:	
Global Warming Potential:	0	HMIS rating: H	1	F	0	R	0	Density:	
Ozone Depletion Potential:	0	pH:	10.8					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 **23.5% OR** ☐ No Water

☒ Builder:	☒ Rinse aid/Silicate:	☐ Anti-microbial:
☒ Surfactant:	☒ Water conditioner/Sequestering/Chelating agent:	☐ Supercritical fluid:
☐ Emulsifier:	☐ Corrosion/Rust inhibitor:	☐ Blasting medium:
☐ Saponifier:		☐ 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: **0.2-0.3** Temperatures: Deg. F range: **140-160**

13. Cost per pound/gallon: Smallest-unit price: **1.00** US\$ Large-volume price: **1.00** US\$

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