



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 **Non Caustic Fryer Cleaner**

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):	<input type="text" value="0"/>	NFPA rating: H	<input type="text" value="1"/>	F	<input type="text" value="0"/>	R	<input type="text" value="0"/>	Surface Tension:	<input type="text"/>
Global Warming Potential:	<input type="text" value="0"/>	HMIS rating: H	<input type="text" value="1"/>	F	<input type="text" value="0"/>	R	<input type="text" value="0"/>	Density:	<input type="text"/>
Ozone Depletion Potential:	<input type="text" value="0"/>	pH:	<input type="text" value="11.2"/>					Kb value:	<input type="text"/>

6. Primary Cleaner Classification (Check only one):

<input type="checkbox"/> Acidic Aqueous	<input type="checkbox"/> Semi-Aqueous	<input checked="" type="checkbox"/> Powder detergent	<input type="checkbox"/> Extracting
<input type="checkbox"/> Neutral Aqueous	<input type="checkbox"/> Terpene	<input type="checkbox"/> Enzymatic/ Microbial	<input type="checkbox"/> HCFC
<input type="checkbox"/> Alkaline Aqueous	<input type="checkbox"/> Petroleum distillate	<input type="checkbox"/> Blasting	<input type="checkbox"/> Alcohol
<input type="checkbox"/> Caustic	<input type="checkbox"/> Organic	<input type="checkbox"/> Other: <input type="text"/>	

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

Cleaner Containing: ☐ At Least Some Water % OR ☒ No Water

<input checked="" type="checkbox"/> Builder: <input type="text"/>	<input checked="" type="checkbox"/> Rinse aid/Silicate: <input type="text"/>	<input type="checkbox"/> Anti-microbial: <input type="text"/>
<input checked="" type="checkbox"/> Surfactant: <input type="text"/>	<input checked="" type="checkbox"/> Water conditioner/Sequestering/Chelating agent: <input type="text"/>	<input type="checkbox"/> Supercritical fluid: <input type="text"/>
<input type="checkbox"/> Emulsifier: <input type="text"/>	<input type="checkbox"/> Corrosion/Rust inhibitor: <input type="text"/>	<input type="checkbox"/> Blasting medium: <input type="text"/>
<input type="checkbox"/> Saponifier: <input type="text"/>		<input checked="" type="checkbox"/> Other: <input type="text"/> pH Buffer <input type="text"/>

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

<input type="checkbox"/> Aerospace	<input type="checkbox"/> Medical	<input type="checkbox"/> Optics	<input type="checkbox"/> Printing
<input type="checkbox"/> Cleanrooms	<input type="checkbox"/> Metal Finishing	<input type="checkbox"/> Paint removal	<input type="checkbox"/> Semiconductors
<input type="checkbox"/> Basic Electronics	<input type="checkbox"/> Metal Fabrication	<input type="checkbox"/> Plastics	<input checked="" type="checkbox"/> Other1: Fryer Cleaner
<input type="checkbox"/> Janitorial Cleaning	<input type="checkbox"/> Military	<input type="checkbox"/> Precision Instruments	<input type="checkbox"/> Other2: <input type="text"/>
<input type="checkbox"/> Maintenance/Repair (engines, etc.)		<input type="checkbox"/> Printed Circuit Boards	<input type="checkbox"/> Other3: <input type="text"/>

9. Contaminant Removal (Check all that applies)

<input type="checkbox"/> Adhesives	<input type="checkbox"/> Fluxes	<input type="checkbox"/> Paints	<input type="checkbox"/> Oil -cutting/tapping fluids or lubricants
<input type="checkbox"/> Buffing/polishing	<input checked="" type="checkbox"/> Greases	<input type="checkbox"/> Resins Silicones	<input type="checkbox"/> Waxes
<input checked="" type="checkbox"/> Carbon deposits	<input type="checkbox"/> Inks	<input type="checkbox"/> Rosins	<input type="checkbox"/> Other1: <input type="text"/>
<input type="checkbox"/> Coatings	<input type="checkbox"/> Mold releases	<input type="checkbox"/> Rust/Scale	<input type="checkbox"/> Other2: <input type="text"/>

10. Substrate Compatibility (Check all that applies)

<input checked="" type="checkbox"/> Aluminum	<input type="checkbox"/> Glass	<input type="checkbox"/> Plastic	<input type="checkbox"/> Silver
<input type="checkbox"/> Brass	<input type="checkbox"/> Gold	<input type="checkbox"/> Rubber	<input type="checkbox"/> Tin
<input type="checkbox"/> Ceramics	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Stainless steel	<input type="checkbox"/> Titanium
<input type="checkbox"/> Copper	<input type="checkbox"/> Nickel	<input type="checkbox"/> Steel – carbon, galvanized, etc	<input type="checkbox"/> Other1: <input type="text"/>
<input type="checkbox"/> Alloys (Specify): <input type="text"/>			<input type="checkbox"/> Other2: <input type="text"/>

11. Equipment Compatibility (Check all that applies)

<input type="checkbox"/> Cold Solvent	<input type="checkbox"/> Media Blasting	<input type="checkbox"/> Ultrasonic
<input checked="" type="checkbox"/> Immersion/Soak	<input type="checkbox"/> Spray Washer Low (psi-range <input type="text"/>)	<input type="checkbox"/> Vapor Degreasing
<input type="checkbox"/> Manual Wipe	<input type="checkbox"/> Spray Washer High (psi-range <input type="text"/>)	<input type="checkbox"/> Other1: <input type="text"/>
<input type="checkbox"/> Mechanical Agitation	<input type="checkbox"/> Supercritical Extraction	<input type="checkbox"/> Other2: <input type="text"/>

12. Recommended Concentrations: % Volume range: **8 oz./2 gal** 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: