



# TURI SURFACE SOLUTIONS LABORATORY CLEANING PRODUCT QUESTIONNAIRE

LD# - 820

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

Artec (STARCHEM Inc) MUST Be Attached

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

1. Vendor Name:  2. Product/Trade Name  ELO - Clean - SSL TDS

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

4. Specified Standard(s):  ASTM:   Mil Specs:   
 FDA:   Other:

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

VOC (g/l): <input type="checkbox"/>	NFPA rating: H <input type="checkbox"/> F <input type="checkbox"/> R <input type="checkbox"/>	Surface Tension: <input type="checkbox"/>
Global Warming Potential: <input type="checkbox"/>	HMIS rating: H <input type="checkbox"/> 0 F <input type="checkbox"/> 0 R <input type="checkbox"/> 0	Density: <input type="checkbox"/> 1.03
Ozone Depletion Potential: <input type="checkbox"/>	pH: <input type="checkbox"/> 7	Kb value: <input type="checkbox"/>

### 6. Primary Cleaner Classification (Check only one):

- |   |   |  |                                     |
|---|---|--|-------------------------------------|
| <input type="checkbox"/> Acidic Aqueous             | <input type="checkbox"/> Semi-Aqueous         | <input type="checkbox"/> Powder detergent                | <input type="checkbox"/> Extracting |
| <input checked="" 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="checkbox"/> |                                     |

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

### 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 type="checkbox"/> Other1: <input type="checkbox"/> |
| <input type="checkbox"/> Janitorial Cleaning                | <input type="checkbox"/> Military          | <input type="checkbox"/> Precision Instruments  | <input type="checkbox"/> Other2: <input type="checkbox"/> |
| <input type="checkbox"/> Maintenance/Repair (engines, etc.) |  | <input type="checkbox"/> Printed Circuit Boards | <input type="checkbox"/> Other3: <input type="checkbox"/> |

### 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 type="checkbox"/> Carbon deposits   | <input type="checkbox"/> Inks               | <input type="checkbox"/> Rosins           | <input checked="" type="checkbox"/> Other1: <input type="checkbox"/> dirt |
| <input type="checkbox"/> Coatings          | <input type="checkbox"/> Mold releases      | <input type="checkbox"/> Rust/Scale       | <input checked="" type="checkbox"/> Other2: <input type="checkbox"/> Film |

### 10. Substrate Compatibility (Check all that applies)

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Aluminum                                   | <input type="checkbox"/> Glass                 | <input checked="" type="checkbox"/> Plastic              | <input type="checkbox"/> Silver   |
| <input type="checkbox"/> Brass                                      | <input type="checkbox"/> Gold                  | <input checked="" type="checkbox"/> Rubber               | <input type="checkbox"/> Tin  |
| <input checked="" type="checkbox"/> Ceramics                        | <input checked="" 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 checked="" type="checkbox"/> Other1: <input type="checkbox"/> Wood     |
| <input type="checkbox"/> Alloys (Specify): <input type="checkbox"/> |  |  | <input checked="" type="checkbox"/> Other2: <input type="checkbox"/> Concrete |

### 11. Equipment Compatibility (Check all that applies)

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

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: