



**TURI SURFACE CLEANING LABORATORY**  
**CLEANING CHEMICAL QUESTIONNAIRE**

See letter for submission instructions.

**Material Safety Data Sheet (MSDS)**  
**MUST Be Attached**  
(and Technical Data Sheet, if available)

Product/Trade Name (Please use a separate questionnaire for each cleaning chemical you want listed in the Directory)

Grease Feast

Generic Chemical Family: Brochever

Meets Specified Standard(s): ASTM: — Mil Spec: — FDA: — Other: —

Primary Cleaner Classification (Check only one):

- |                                                     |                                               |                                                |                                     |
|-----------------------------------------------------|-----------------------------------------------|------------------------------------------------|-------------------------------------|
| <input checked="" 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 checked="" type="checkbox"/> Enzymatic/ | <input type="checkbox"/> HCFC       |
| <input type="checkbox"/> Alkaline Aqueous           | <input type="checkbox"/> Petroleum distillate | <input type="checkbox"/> Microbial             | <input type="checkbox"/> Alcohol    |
| <input type="checkbox"/> Caustic                    | <input type="checkbox"/> Organic              | <input type="checkbox"/> Blasting              | <input type="checkbox"/> Other:     |

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

Cleaner Containing: **At Least Some Water ( 85 % )** **OR No/Minimal Water**

Builder: — ☐ Water conditioner/Sequestering/ ☐ Supercritical fluid: —

Surfactant: < 10% ethoxylate Chelating agent: —

Emulsifier: — ☐ Corrosion inhibitor/Rust ☐ Blasting medium: —

Saponifier: — ☐ Inhibitor: —

Other: — ☐ Anti-microbial: — ☐ Other: —

Rinse aid/Silicate: —

Industrial Applications (Number all that apply, Most Used = 1)

- |                                                          |                                            |                                                |                                                                       |
|----------------------------------------------------------|--------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------|
| 3 <input checked="" type="checkbox"/> Aerospace/Military | <input type="checkbox"/> Metal Finishing   | <input type="checkbox"/> PCBs                  | <input type="checkbox"/> Semiconductors                               |
| <input type="checkbox"/> Cleanrooms                      | <input type="checkbox"/> Metal Fabrication | <input checked="" type="checkbox"/> Plastics 4 | 2 <input checked="" type="checkbox"/> General Cleaning (floors, etc.) |
| <input type="checkbox"/> Basic Electronics               | <input type="checkbox"/> Optics            | <input type="checkbox"/> Precision Instruments | <input checked="" type="checkbox"/> Maint./Repair (engines, etc.) 1   |
| <input type="checkbox"/> Medical                         | <input type="checkbox"/> Painting          | <input type="checkbox"/> Printing              | <input type="checkbox"/> Other: <u>—</u>                              |

Contaminant Removal (Check all that apply & specify, if possible) Example : Coatings Conformal

- |                                                     |                                          |                                                    |                                         |                                           |
|-----------------------------------------------------|------------------------------------------|----------------------------------------------------|-----------------------------------------|-------------------------------------------|
| <input type="checkbox"/> Adhesives                  | <input type="checkbox"/> Coatings        | 1 <input checked="" type="checkbox"/> Greases      | <input type="checkbox"/> Mold releases/ | <input type="checkbox"/> Rust/Scale       |
| <input type="checkbox"/> Buffing/polishing          | <input type="checkbox"/> Cutting/tapping | <input type="checkbox"/> Inks                      | <input type="checkbox"/> Silicones      | <input type="checkbox"/> Waxes            |
| <input type="checkbox"/> compounds                  | <input type="checkbox"/> fluids          | 2 <input checked="" type="checkbox"/> Lubricating/ | <input type="checkbox"/> Paints         | 1 <input checked="" type="checkbox"/> Oil |
| <input checked="" type="checkbox"/> Carbon deposits | <input type="checkbox"/> Fluxes          | <input type="checkbox"/> lapping oils              | <input type="checkbox"/> Resins/Rosins  | <input type="checkbox"/> Other: <u>—</u>  |

Substrate Compatibility (Check all that apply)

- |                                                       |                                           |                                             |                                          |                                                                      |
|-------------------------------------------------------|-------------------------------------------|---------------------------------------------|------------------------------------------|----------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Aluminum          | <input type="checkbox"/> Carbon steel     | <input type="checkbox"/> Glass/quartz       | <input type="checkbox"/> Rubber          | <input type="checkbox"/> Nickel                                      |
| <input checked="" type="checkbox"/> Alloys (Specify): | <input type="checkbox"/> Ceramics         | <input type="checkbox"/> Gold               | <input type="checkbox"/> Stainless steel | <input type="checkbox"/> Tin                                         |
| <input checked="" type="checkbox"/> Brass             | <input type="checkbox"/> Copper           | <input type="checkbox"/> Plastic (Specify): | <input type="checkbox"/> Steel           | <input type="checkbox"/> Other: <u>compatible with most surfaces</u> |
|                                                       | <input type="checkbox"/> Galvanized steel | <input type="checkbox"/> Sterling/silver    |                                          |                                                                      |

Equipment Compatibility (Check all that apply & specify, if applicable)

- |                                                    |                                                |                                                        |                                              |
|----------------------------------------------------|------------------------------------------------|--------------------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> Cold Solvent              | <input type="checkbox"/> Mechanical Agitation  | <input checked="" type="checkbox"/> Low Pressure Spray | <u>apply → rinse with low pressure spray</u> |
| <input type="checkbox"/> Vapor Degreasing          | <input type="checkbox"/> Ultrasonics           | <input type="checkbox"/> High Pressure Spray           | <u>psi-range</u>                             |
| <input checked="" type="checkbox"/> Manual Wipe    | <input type="checkbox"/> Media Blasting        | <input type="checkbox"/> Other: <u>—</u>               | <u>psi-ran</u>                               |
| <input checked="" type="checkbox"/> Immersion/Soak | <input type="checkbox"/> Supercritical Extract |                                                        |                                              |

Recommended Concentrations: Light: 1 cup per 1 gallon heavy: 100% Percent Volume (range) —

Recommended Temperatures: Ambient or with warm H<sub>2</sub>O Deg. F (range) 60°-100°

Important Physical and Chemical Properties:

Maximum theoretical VOC content: N/A

GWP: — Surface Tension: — pH 7 Density: ≈ 1