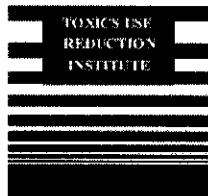


# 871



**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: Hubbard Hall 2. Product/Trade Name Hubtron PB
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): <u>1350</u>                       | NFPA rating: H <u>          </u> F <u>          </u> R <u>          </u> | Surface Tension: <u>          </u> |
| Global Warming Potential: <u>          </u>  | HMIS rating: H <u>          </u> F <u>          </u> R <u>          </u> | Density: <u>          </u> 1.31    |
| Ozone Depletion Potential: <u>          </u> | pH: <u>NA.</u>   | Kb value: <u>          </u>        |
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 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"/> Biobased             | Other: <u>                    </u>  |
7. Chemical Constituents (Check all that apply & specify) Example: Builder: *Sodium Hydroxide 50% (as Concentrate)*
- Cleaner Containing: ☐ At Least Some Water 24% OR ☐ No Water
- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Builder: <u>                    </u>    | <input type="checkbox"/> Rinse aid/Silicate: <u>                    </u>                                 | <input type="checkbox"/> Anti-microbial: <u>                    </u>      |
| <input type="checkbox"/> Surfactant: <u>                    </u> | <input type="checkbox"/> Water conditioner/Sequestering/<br>Chelating agent: <u>                    </u> | <input type="checkbox"/> Supercritical fluid: <u>                    </u> |
| <input type="checkbox"/> Emulsifier: <u>                    </u> | <input type="checkbox"/> Corrosion/Rust inhibitor: <u>                    </u>                           | <input type="checkbox"/> Blasting medium: <u>                    </u>     |
| <input type="checkbox"/> Saponifier: <u>                    </u> |  | <input type="checkbox"/> Other: <u>                    </u>               |
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 checked="" type="checkbox"/> Metal Finishing | <input checked="" 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: <u>                    </u> |
| <input type="checkbox"/> Janitorial Cleaning                | <input type="checkbox"/> Military                   | <input type="checkbox"/> Precision Instruments    | <input type="checkbox"/> Other2: <u>                    </u> |
| <input type="checkbox"/> Maintenance/Repair (engines, etc.) |   | <input type="checkbox"/> Printed Circuit Boards   | <input type="checkbox"/> Other3: <u>                    </u> |
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"/> Soap Scum/films  | <input type="checkbox"/> Other1: <u>                    </u>       |
| <input type="checkbox"/> Coatings                   | <input type="checkbox"/> Mold releases      | <input type="checkbox"/> Rust/Scale       | <input type="checkbox"/> Other2: <u>                    </u>       |
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 checked="" type="checkbox"/> Brass                              | <input type="checkbox"/> Gold       | <input type="checkbox"/> Rubber                          | <input type="checkbox"/> Tin                         |
| <input type="checkbox"/> Ceramics                                      | <input type="checkbox"/> Fiberglass | <input checked="" type="checkbox"/> Stainless steel      | <input checked="" type="checkbox"/> Titanium         |
| <input checked="" type="checkbox"/> Copper                             | <input type="checkbox"/> Nickel     | <input type="checkbox"/> Steel – carbon, galvanized, etc | <input type="checkbox"/> Other1: <u>Carbon Steel</u> |
| <input type="checkbox"/> Alloys (Specify): <u>                    </u> |                                     |  | <input type="checkbox"/> Other2: <u>Magnesium</u>    |
11. Equipment Compatibility (Check all that applies)
- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Cold Solvent         | <input type="checkbox"/> Media Blasting                                   | <input checked="" type="checkbox"/> Ultrasonic               |
| <input type="checkbox"/> Immersion/Soak       | <input type="checkbox"/> Spray Washer Low (psi-range <u>          </u> )  | <input checked="" type="checkbox"/> Vapor Degreasing         |
| <input type="checkbox"/> Manual Wipe          | <input type="checkbox"/> Spray Washer High (psi-range <u>          </u> ) | <input type="checkbox"/> Other1: <u>                    </u> |
| <input type="checkbox"/> Mechanical Agitation | <input type="checkbox"/> Supercritical Extraction                         | <input type="checkbox"/> Other2: <u>                    </u> |
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:
- Mone1, Zinc.