



THE MASSACHUSETTS  
TOXICS USE REDUCTION INSTITUTE

Dr out

Surface Cleaning Laboratory

University of Massachusetts • Lowell  
One University Avenue  
Lowell, Massachusetts 01854-2881  
Telephone: (508) 934-3133  
FAX: (508) 934-3050

## CLEANING CHEMISTRY QUESTIONNAIRE

The Toxics Use Reduction Institute maintains a vendor database of alternative cleaning chemistries, cleaning equipment and recycling/treatment equipment. Information from this database is published and provided to companies whom are searching for cleaning alternatives. Please provide the following for each product or product line:

1. Completed Questionnaire 2. MSDS 3. Technical Data sheets

Return responses to: Jay Jankauskas  
Toxics Use Reduction Institute  
University of Massachusetts-Lowell  
One University Avenue  
Lowell, MA 01854-2866

Trade Name of Product Sea Wash-77  
Company Name For Best Cleaning Solutions Warren Chemical  
Address 61 Warren Ave City Marshallfield State MA Zip Code 02050  
Contact Person/Title Gary Tyer Reg Mgr Telephone 617 4824 Fax 617 7020  
Provide a general description of your product and it's uses.

Please check the classification that describes your product.

- |                                             |                                                                              |
|---------------------------------------------|------------------------------------------------------------------------------|
| <input type="checkbox"/> Saponified Aqueous | <input type="checkbox"/> Petroleum Distillates                               |
| <input type="checkbox"/> Semi-Aqueous       | <input type="checkbox"/> Organic                                             |
| <input type="checkbox"/> Alkaline Aqueous   | <input type="checkbox"/> HCFC                                                |
| <input type="checkbox"/> Terpene            | <input type="checkbox"/> Powder Detergent                                    |
| <input type="checkbox"/> Acidic Aqueous     | <input type="checkbox"/> Other (please specify) <u>Neutral pH Surfactant</u> |
| <input type="checkbox"/> Caustic            |                                                                              |

Please check the appropriate industries in which your product is used.

- |                                                                 |                                                                                 |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Metal Fabrication/Finishing | <input type="checkbox"/> Precision Instruments                                  |
| <input type="checkbox"/> Electronics/PCB's                      | <input type="checkbox"/> Medical                                                |
| <input type="checkbox"/> Electronics/Semiconductor              | <input checked="" type="checkbox"/> General Cleaning/Maintenance                |
| <input type="checkbox"/> General Electronics                    | <input checked="" type="checkbox"/> Chemical Industry (tank & piping boil outs) |
| <input checked="" type="checkbox"/> Military                    | <input type="checkbox"/> Other (please specify) _____                           |
| <input checked="" type="checkbox"/> Printing                    |                                                                                 |

Please check the contaminants that you product is known to remove.

- |                                                              |                                                     |                                               |
|--------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------|
| <input checked="" type="checkbox"/> Adhesives                | <input type="checkbox"/> Inks                       | <input type="checkbox"/> Rust                 |
| <input type="checkbox"/> Buffing/polishing/lapping compounds | <input checked="" type="checkbox"/> Greases         | <input type="checkbox"/> Scale                |
| <input checked="" type="checkbox"/> Carbon Deposits          | <input type="checkbox"/> Mold Release               | <input checked="" type="checkbox"/> Silicones |
| <input checked="" type="checkbox"/> Conformal Coatings       | <input checked="" type="checkbox"/> Oils            | <input checked="" type="checkbox"/> Waxes     |
| <input type="checkbox"/> Fluxes                              | <input checked="" type="checkbox"/> Paints/coatings |                                               |
| <input type="checkbox"/> Other (please specify) _____        |                                                     |                                               |



Please check the materials with which your product is compatible.

- |                                                    |                                                                  |
|----------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Electronics               | <input type="checkbox"/> Precious Metals (Gold, Silver)          |
| <input checked="" type="checkbox"/> Ferrous Metals | <input checked="" type="checkbox"/> Copper and Brass             |
| <input checked="" type="checkbox"/> Plastics       | <input checked="" type="checkbox"/> Aluminum and Aluminum Alloys |
| <input checked="" type="checkbox"/> Rubber         |                                                                  |

Please check the following cleaning processes with which your product is compatible.

- |                                                         |                                                |
|---------------------------------------------------------|------------------------------------------------|
| <input checked="" type="checkbox"/> High Pressure Spray | <input type="checkbox"/> Steam Cleaning        |
| <input checked="" type="checkbox"/> Low Pressure Spray  | <input type="checkbox"/> Cold Solvent Cleaning |
| <input checked="" type="checkbox"/> Immersion           | <input type="checkbox"/> Vapor Degreasing      |
| <input checked="" type="checkbox"/> Ultrasonics         |                                                |

Is your product designed to emulsify, dissolve or displace contaminants? (circle one)

If water dilutable, what is the recommended concentration range that your product may be used at?

1 concentrate to 4 parts water

What is the recommended temperature range that your product may be used at?

100°F - 110°F

Check off the following that your chemistry contains.

- |                                              |                                                          |
|----------------------------------------------|----------------------------------------------------------|
| <input type="checkbox"/> Rinse Aids          | <input checked="" type="checkbox"/> Anti-foam Agents     |
| <input type="checkbox"/> Silicates           | <input checked="" type="checkbox"/> Corrosion Inhibitors |
| <input type="checkbox"/> Sequestering Agents | <input type="checkbox"/> Caustic                         |

What is the average price of your product per gallon or lb?

\$7.50 (fully diluted)

Does your product meet any cleaning standards (ASTM, military or aircraft specs, FDA approval, etc.). If so please list.

## Physical Properties

Percent Volatile: \_\_\_\_\_

Maximum Theoretical VOC Content: \_\_\_\_\_

Flash Point: \_\_\_\_\_

HMIS Ratings:

Health: \_\_\_\_\_

Vapor Pressure: \_\_\_\_\_

Flammability: \_\_\_\_\_

pH of Concentrate: \_\_\_\_\_

Reactivity: \_\_\_\_\_

Surface Tension: \_\_\_\_\_

See MSDS