

Surface Cleaning Laboratory

University of Massachusetts • Lowell  
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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 NAB 9000  
Company Name North American Bio Industries Corp  
Address 3068 S. Gilhoun City New Berlin State WI Zip Code 53151  
Contact Person/Title EC GOGGIO - COO Telephone \_\_\_\_\_ Fax 414-796-

Provide a general description of your product and it's uses. 414-796-8448 8449  
neutral pH hard surface degreaser.

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 checked="" type="checkbox"/> Other (please specify) <u>neutral pH aqueous</u> |
| <input type="checkbox"/> Caustic            |  |

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

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

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

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



Please check the materials with which your product is compatible.

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Electronics    | <input checked="" 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 checked="" 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?

20:1 thru 60:1

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

~~20:1~~ ambient thru 140°F

Check off the following that your chemistry contains.

- |  |  |
|--|--|
| <input checked="" 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?

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

USDA

## Physical Properties

Percent Volatile: <u>N/A</u>	Maximum Theoretical VOC Content: <u>none</u>
Flash Point: <u>none</u>	HMS Ratings:
Vapor Pressure: <u>N/A</u>	Health: <u>0</u>
pH of Concentrate: <u>7.0</u>	Flammability: <u>0</u>
Surface Tension: _____	Reactivity: <u>0</u>