The Massachusetts Toxics Use Reduction Institute

• Data on Toxics Use in Massachusetts
• CleanerSolutions.org
• Resource Subject Guides
The 2013 TURA Data is here!
For summary results, see the Results to Date and the Report for Massachusetts as a Whole. We have also updated the Dioxin Report for 2013.

The purpose of this site is to make information available to the public about toxics use in their communities. This information has been collected from companies as a result of Massachusetts' Toxics Use Reduction Act (TURA). To help you understand this information, we have organized it into the following sections:

• What Is TURA?
  A description of the Toxics Use Reduction Act, including an overview, brief history, objectives and frequently asked questions.

• How to Understand the TURA Reports
  If you are wondering "What does it all mean?" then this is the place to start. We describe the information that companies actually report, define the terms that you will see on reports, and explain the rules that govern reporting.

• Reports by Community, Company or Chemical
  Reports showing the amount of toxics used, the byproducts generated, and the amount of toxics released to the environment. You can choose reports by community, company or chemical.

• Success Stories
  Find out how Massachusetts companies have reduced toxics use while maintaining or improving performance.

• Collaborate: What Can You Do?
  Examples of collaboration among companies, communities and individuals who have worked together to reduce toxics use. You will also find a list of resources related to toxics use reduction.

• Glossary
  Definitions of terms related to TURA and toxics use reduction.

If you have any questions or comments concerning this site, contact Heather Tenney at Heather_Tenney@uml.edu.

The source data for this website was collected by the Department of Environmental Protection under the Toxics Use Reduction Act.
**SIC Code: 3842**  
Surgical appliances and supplies

The table below shows the facilities that reported using this SIC code. Click on a facility name to see information about the facility.

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOHNSON &amp; JOHNSON PROFESSIONAL INC</td>
<td>177806</td>
</tr>
<tr>
<td>TILLOTSON RUBBER</td>
<td>53330</td>
</tr>
<tr>
<td>STERIS ISOMEDIX</td>
<td>10380</td>
</tr>
</tbody>
</table>
What You Can Learn

• Massachusetts’ use of toxics gives clues about national use patterns
• How specific chemicals are being used
• What chemicals are used by certain industry sectors
• What alternatives may have been employed
Replace a Solvent

Search for a tested alternative chemistry to replace your current solvent cleaner. Optionally, you can add contaminant, substrate and equipment criteria to narrow your search.

Required Field
You must select one or more solvents.

Optional Fields
Filter your search by contaminant, substrate or equipment type, or leave these fields set to Any to include all results for a given contaminant.

Required Field
Solvent
- #320 cleaner
- Abrasive Disc
- Abrasive slurry
- acetates
- Acetic acid
- Acetone
- Acetone mix
- acid etch
- Acids
- Acids - Sulfuric
- ADF Powdered concrete
- Albatross USA SPIF

Optional Fields
Contaminant
- Any
- Abrasive
- Abrasives
- Adhesive
- Alcohol
- Buffing/Polishing
- Calcium/lime
- Carbon Deposits
- Clay
- Coatings
- Cutting/Tapping Fluid
- Dirt

Optional Fields
Substrate
- Any
- Alloys
- Aluminum
- Aluminum
- Brass
- Carbon Fibre
- Carbon Steels
- Ceramics
- Chrome
- Cold Rolled
- Copper
- Electronics

Optional Fields
Equipment
- Any
- High Pressure Spray
- Immersion/Soak
- Low Pressure Spray
- Manual Wipe
- Mechanical Agitation
- Media Blasting
- Plasma
- Supercritical Extraction
- Ultrasound
- Vapor Degreasing

All Fields Hold down the shift or ctrl keys to select multiple values.

Optional Search Filters
Product Cleaning Type: Any
Return only effective results: 

Forms
Client Test Request Form
Forms to arrange testing for your company.

Vendor Forms
Forms for submitting product information to the lab.

Search our CleanerSolutions Database for performance data on thousands of cleaning products.
What You Can Learn

• Over 20,000 data points
• Specify contaminant and substrate to quickly identify options
• Quick “safety score” to filter for potentially safer products
• Deeper assessment (P2OASys) for more promising options
• New tool (Hansen Solubility Parameters in Practice) to help identify safer solvents/solvent blends
### Carcinogenicity
- Chemical Hazard and Alternatives Toolbox (ChemHAT)
- Hazardous Substances Data Bank (HSDB)
- International Agency for Research on Cancer (IARC)
- NIOSH Pocket Guide
- California Prop 65 List of Reproductive/Developmental Toxicants - Updated 8/25/2015
- Chemical Carcinogenesis Research Information System (CCRIS)
- Genetic Toxicology Data Bank (GENETOX)
- National Toxicology Program Databases, Searches & Other Resources
- ECHA - REACH Registration Database

### Acute Toxicity (LD50s/LC50s)
- Hazardous Substances Data Bank (HSDB)
- ChemIDplus Advanced
- Chemical Hazard and Alternatives Toolbox (ChemHAT)
- ECHA - REACH Registration Database
- RTECS - Must visit TURI Library for Access

### Exposure Limits
- OSHA Permissible Exposure Limits - Annotated Tables
- NIOSH Pocket Guide
- Guidance for NIOSH Pocket Guide
- RTECS - Must visit TURI Library for Access

### Neurotoxicity
- HAZ-MAP
- Scorecard - List of Suspected Neurotoxicants
- Patty's Industrial Hygiene and Toxicology - Must visit TURI Library for Access
- Grandjean & Landrigan 2006: Developmental neurotoxicity of industrial chemicals
- Boyes 2012: Neurotoxicology and Behavior

### Mutagenicity & Genotoxicity
- Chemical Carcinogenesis Research Information System (CCRIS)
- Genetic Toxicology Data Bank (GENETOX)
- National Toxicology Program Databases, Searches & Other Resources
- ECHA - REACH Registration Database

### Asthmagens
- Association of Occupational and Environmental Clinics (AOEC) - Exposure Code Lookup
- Chemical Hazard and Alternatives Toolbox (ChemHAT)
- ECHA - REACH Registration Database

### Reference Dose/Reference Concentration (Rfd/Rfc)
- U.S. EPA Integrated Risk Information System (IRIS)

### Metabolism/Pharmacokinetics
- Hazardous Substances Data Bank (HSDB)
Come visit us!

• Walk you through our EH&S data resources with Mary Butow
• Look at how MA companies are using chemicals of concern
• Find a safer solvent