

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1998
 DateRun: 08/06/1998
 Experimenters: Jason Marshall
 ClientType: University
 ProjectNumber: Project #1
 Substrates: Steel
 PartType: Coupon
 Contaminants: Greases
 Cleaning Methods:
 Analytical Methods:
 Purpose: Request for information

Experimental Procedure: QUESTION ASKED: What methods/chemicals would be substituted for cleaning steel drums from axle, grease, other than petroleum based solvents? Are there any available washers for this purpose? One of the problems is that most of the steel recyclers that have been contracted want triple rinsing.

Results: In 1998, the Massachusetts Toxics Use Reduction Institute (TURI) will publish the results of the tests conducted at the Institutes Surface Cleaning Laboratory (SCL) in a searchable database/spreadsheet format. This should make alternative cleaner selection faster and easier. Here are the results of your query, based on the information supplied:

| SCL # | Substrate | Contaminant | Process | Cleaner |
|--------------|-----------|-------------|-----------|----------------|
| 96-425-01-2 | SS | GREASE | IMMERSION | SAFETY KLEENE |
| 96-425-01-2 | SS | GREASE | IMMERSION | TWIN RIVER |
| 96-429-01-2 | STEEL | GREASE | IMMERSION | ARDROX |
| 96-429-01-2 | STEEL | GREASE | IMMERSION | US POLYCHEM |
| 96-429-02-2* | STEEL | GREASE | IMMERSION | ARDROX |
| 96-429-02-2* | STEEL | GREASE | IMMERSION | US POLYCHEM |
| 96-452-01-5 | SS | GREASE | ANALYSIS | OSEE |
| 97-538-07-3 | SS | GREASE | IMMERSION | ECOLINK |
| 97-538-07-3 | SS | GREASE | IMMERSION | OAKITE |
| 97-538-07-3 | SS | GREASE | IMMERSION | SOLVENT KLEENE |
| 97-548-04-2 | SS | GREASE | SPRAY | ALCONOX |
| 98-572-01-2 | STEEL | GREASE | IMMERSION | MATCHLESS |

Summary:

| | | | | | |
|----------------------|----------------------------|---------------|--------------------|--------------------------|----------------------|
| Substrates: | Steel | | | | |
| Contaminants: | Greases | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| No Specific Vendor | Supplied alternatives list | | | <input type="checkbox"/> | |

Conclusion: Cleaning projects vary from case-to-case. To obtain more detailed information about any of the listed trials, have the SCL # ready when contacting the lab at (978)934-3133.