



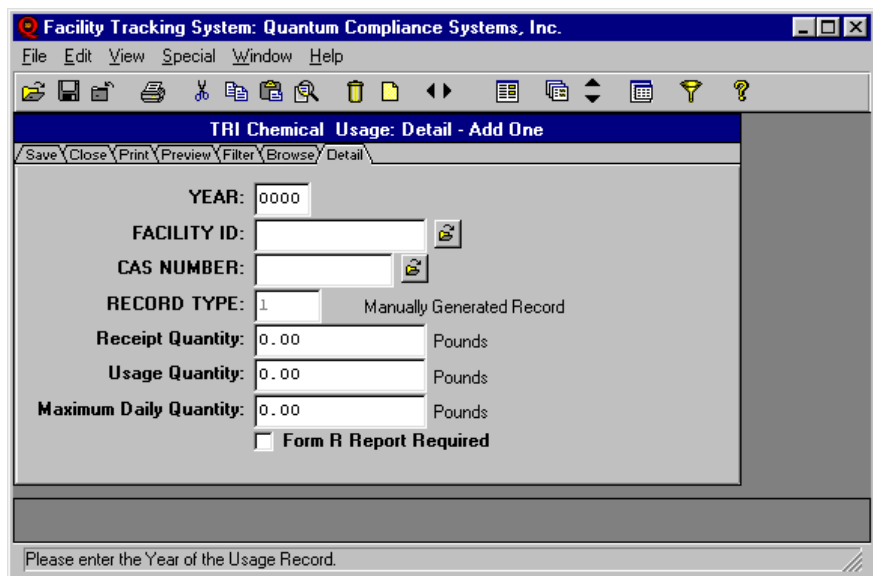
SARA Form R Reporting

The FacTS™ relational database links chemical inventory information to MSDS information and emissions, providing for nearly automatic generation of standard Form R/A reports. FacTS also comes with verification worksheets, showing intermediate calculations and annual summary reports. The same information used to generate the standard Form R/A reports can also be validated against other regulatory and user-defined lists providing quantity of chemicals processed, manufactured, and emitted.

THRESHOLD DETERMINATION

FacTS is preloaded with both the current 313 Toxic Chemical List and speciated 313 category lists (e.g. Glycol Ethers, Diisocyanates, Lead Compounds, etc.). The user can cross reference these chemical lists against the MSDSs in the FacTS database to obtain a listing of materials that contain 313 chemicals. Material used, manufactured, and processed can also be compared to the 313 lists to determine reportability. The system takes into account de minimis and activity/use exemptions, as well as special rules such as the “High/Low” rule and lower PBT threshold amounts when determining reportable chemicals.

Inventory information may be downloaded from a purchasing or ERP system into FacTS, or entered manually. Using this inventory information and chemical composition records, FacTS will aggregate all 313 chemicals and chemical categories, determining which of these chemicals and categories are Form R or Form A reportable.



FORM R/A GENERATION

FacTS allows you to generate Form R/A Report records based on reportable chemicals and categories. Emission information can be populated through the integration of information from other features in the Environmental Reporting Suite, such as **Waste Management/Tracking** and **Emissions and Effluent Management**, or may be entered directly into the Form R/A Collection screen. For hazardous releases, the spill report gathers the necessary 313 data required for TRI Reporting, including the material spilled, amount, the media released to, and agency notified.



FacTS automatically retrieves the chemical constituents for the released material to determine if any SARA 313 reportable ingredients were involved in the spill.

REPORTING OPTIONS

The TRI Threshold Worksheet is used to view the 313 chemical and chemical category usage. The worksheet shows the details of the exemptions and special rules used, and the products that contain that chemical. Report options are included that allow the user to configure the worksheet to display only those 313 records that are Form R/A Reportable, or information for all 313 chemicals used at the facility.

Usage Comparison Report									
Facility: 00007R Supresta, (Form R)									
Report Year: 2008									
Previous Year: 2007									
List ID: 2007-313 2007 SARA 313 Toxic Chemicals									
CAS No./Category	2008 TRI?	Ingredient/Chemical Category	Usage Qty. (lbs.)		Receipt Qty. (lbs.)		% Change		
			2008	2007	2008	2007	Usage	Receipt	
000050-00-0	yes	FORMALDEHYDE	48,183.16000	66,241.35000	48,183.16000	66,240.00000	-27.26	-27.26	
000067-63-0	no	ISOPROPYL ALCOHOL	0.00000	6,479.44000	0.00000	0.00000	-100.00	NA	
000071-36-3	yes	BUTANOL	17,162,568.00000	3,901,587.77500	17,162,568.00000	3,901,446.00000	+339.89	+339.90	
000071-43-2	no	BENZENE	68.90000	121.28000	68.90000	121.28000	-43.19	-43.19	
000075-21-8	yes	ETHYLENE OXIDE	1,211,630.91347	1,711,944.24630	1,211,630.91347	1,711,944.10190	-29.22	-29.22	
000075-45-6	no	HYDROCHLOROFLUOROCARBON-22 (HCFC-22)	53.00000	0.00000	53.00000	0.00000	NA	NA	
000075-56-9	yes	PROPYLENE OXIDE	41,887,249.43604	35,717,412.16838	41,887,249.43604	35,717,412.16838	+17.27	+17.27	
000078-87-5	yes	PROPYLENE DICHLORIDE	113,322.25238	39,097.02052	113,322.25238	39,096.94632	+189.85	+189.85	
000080-05-7	yes	BISPHENOL A	4,592,260.00000	2,750,630.00000	4,592,260.00000	2,750,630.00000	+66.95	+66.95	
000096-18-4	no	1,2,3-TRICHLOROPROPANE	2,223.89620	3,016.56137	2,223.89620	3,016.20038	-26.28	-26.27	
000105-67-9	yes	2,4 DIMETHYLPHENOL	320,976.45000	319,454.41000	320,976.45000	319,454.41000	+0.48	+0.48	
000106-44-5	no	CRESOL (-P)	558.32270	542.22410	558.32270	542.22410	+2.97	+2.97	
000106-89-8	yes	EPICHLOROHYDRIN	8,567,630.01343	11,528,839.93575	8,567,630.01343	11,528,837.55322	-25.69	-25.69	
000107-02-8	no	ACROLEIN	196.37195	275.63072	196.37195	275.55852	-28.76	-28.74	
000107-06-2	no	ETHYLENE DICHLORIDE	4,434.70460	488.38112	4,434.70460	484.12144	+808.04	+816.03	
000107-21-1	no	ETHYLENE GLYCOL	0.00000	4,088.00000	0.00000	0.00000	-100.00	NA	

The Usage Comparison Report compares chemical usage between years as a tool to check for missing data or errors in your information. You can filter by differences of a certain magnitude or percentage to allow for normal yearly differences.

The Complex Threshold Worksheet rolls up data for different facilities in a complex and breaks out threshold determination. The individual facilities can then produce their individual Form R/A reports.

Annual summary reports are available for users to view Form R/A information across the corporation. These reports show a summary of Form R/A information by geographic region, state, corporate entity, or reporting years.

COMPLIANCE COMPLETION

After a Form R/A Report has been completed and verified using the Form R/A Verification Report in FacTS, reporting can be completed either through magnetic media submission or by printing out a hard copy via the EPA's TRI-ME software. The SARA Form R feature generates the properly formatted data files required to submit the Form R/A to the EPA via magnetic media. These files are saved in user-specified areas that allow for easy transfer to a diskette or CD, or to upload to the EPA through the TRI-ME software.