

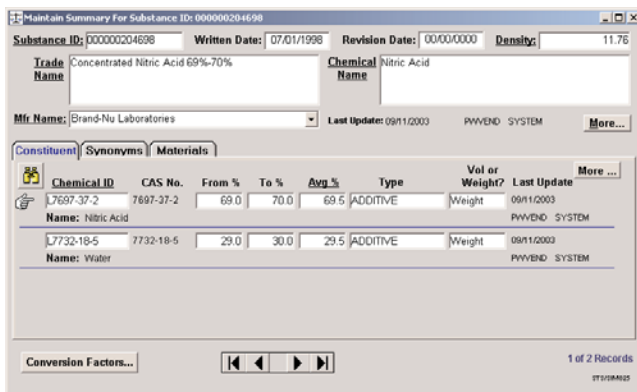


## Substance Tracking

The EHSdesk™ **Substance Tracking System (STS)** module tracks and manages substance and chemical usage for regulatory reporting. STS accepts file imports or manual entries of materials purchased/dispensed and applies a conversion factor to produce usage data acceptable for chemical reporting. Tools are provided for analysis and evaluation of chemical and substance data at a facility. STS also acts as the centralized repository for master substance data (materials, material safety data sheet (MSDS) properties, chemical constituents, chemical abstract society number (CAS), etc.) to support the rest of the modules in EHSdesk.

### Features and Functionality

- Centralized catalog for EHS relevant materials is the foundation for regulatory reporting and areas of interest in EHSdesk (materials spilled, materials emitted, etc.)
- Key MSDS properties are maintained for data sorting, filtering, and calculating (e.g., density, % volatile organics, trade name, manufacturer, etc.)



Main Summary For Substance ID: 000000204698

Substance ID: 000000204698    Written Date: 07/01/1998    Revision Date: 00000000    Density: 11.76

Trade Name: Concentrated Nitric Acid 69%-70%    Chemical Name: Nitric Acid

Mfr Name: Brand-Nu Laboratories    Last Update: 09/11/2003    PWWEND SYSTEM    More...

Chemical ID	CAS No.	From %	To %	Avg %	Type	Vol or Weight?	Last Update	More ...
7697-37-2	7697-37-2	69.0	70.0	69.5	ADDITIVE	Weight	09/11/2003	
Name: Nitric Acid    PWWEND SYSTEM								
7732-18-5	7732-18-5	29.0	30.0	29.5	ADDITIVE	Weight	09/11/2003	
Name: Water    PWWEND SYSTEM								

Conversion Factors...    1 of 2 Records

Substance Detail

- Regulatory and corporate “List of Lists” available to document the various CAS number lists
- File imports are available with optional manual input for materials purchased or dispensed, allowing for the creation of facility specific material/chemical inventories
- Material Usage reports available based on raw usage data with applied conversion factor (e.g., 1 box = 4 lbs.)
- Other non-MSDS based materials (i.e. Scrap Metal) can be tracked enabling better SARA Form R reporting capabilities
- Typical users include EHS Professionals, EHS Managers, Operations Supervisors, and Procurement Contacts

### Benefits

- Streamlines SARA reporting cycle
- Tracks materials and their chemical constituents and provides the ability for real time reporting
- Provides ready access to key data required for chemical mass balance in one consistent format
- Provides consistent units of measure (lbs.) through a flexible conversion process
- Provides compliance reports in a configurable “list of lists” format

### Reports

- Ad hoc reporting is available using a flexible search window with multiple filters and sorts; query results can be printed or saved to an Excel™ or Acrobat™ format
- Chemical usage reporting (chemicals used for a CAS number on a list) is available (e.g., Ozone Depleting Substances, SARA 313, etc.)

SARA 313 Chemical Usage Report for East Hampton, CT from 01-2003 to 12-2003					
Printed on: 10/13/2003					
Note: All usage is in Lbs.					
Material Id	Material Name	Chemical Usage	Dept	Plant	Usage Date
7847-01-0	Hydrogen Chloride				
PMC 1002 /1	Muriatic Acid	37,528.9728	01		01/06/2003
PMC 1002 /1	Muriatic Acid	37,338.4704	01		01/06/2003
PMC 1002 /1	Muriatic Acid	37,338.4704	01		01/06/2003
PMC 1002 /1	Muriatic Acid	37,528.9728	01		01/06/2003
PMC 1002 /1	Muriatic Acid	762.0096	01		04/14/2003
PMC 1002 /1	Muriatic Acid	762.0096	01		04/14/2003
PMC 1002 /1	Muriatic Acid	3,810.0480	0181		02/11/2003
PMC 1002 /1	Muriatic Acid	83,1283	0960	01	01/10/2003
<b>Total for Hydrogen Chloride:</b>		<b>155,152.0819</b>			

SARA 313 Report

- OSHA HazCom Inventory Report
- VOC Emissions Report
- Material and Chemical Inventory Report(s)

