

SACHEM TMAH

Health, Safety, and environment is a precondition to everything we do....

SACHEM's Commitment to Safety

- ▶ The safety of all of our associates –our customers, our employees, and our communities – is one of the foundations of SACHEM. We take pride in our safety record and programs to protect our work sites, associates and communities.
- ▶ Through training and a focus on safety SACHEM has safely manufactured and handled large volumes of highly concentrated TMAH since the 1970's.
- ▶ SACHEM's global plant sites have received numerous awards and accolades for its safety and environmental record.
- ▶ SACHEM has supplied global customers with safety consultations at no cost.

How Can SACHEM Help?



Safety Consultations and On-site Visits



Toll Blending and Custom Blending Services



Mobius System®



Alternative Performance Products

On-Site Consultations

- ▶ SACHEM has handled TMAH safely for many years, let us pass along our experience to you!

- ▶ On-site consultations to help your company handle and store TMAH more safely and responsibly
 - ◆ These consultations include:
 - A comprehensive “Safety Package”
 - A review of equipment materials of construction
 - A review and suggestions for handling practices
 - A review of proper disposal practices
 - A safety presentation to customer associates

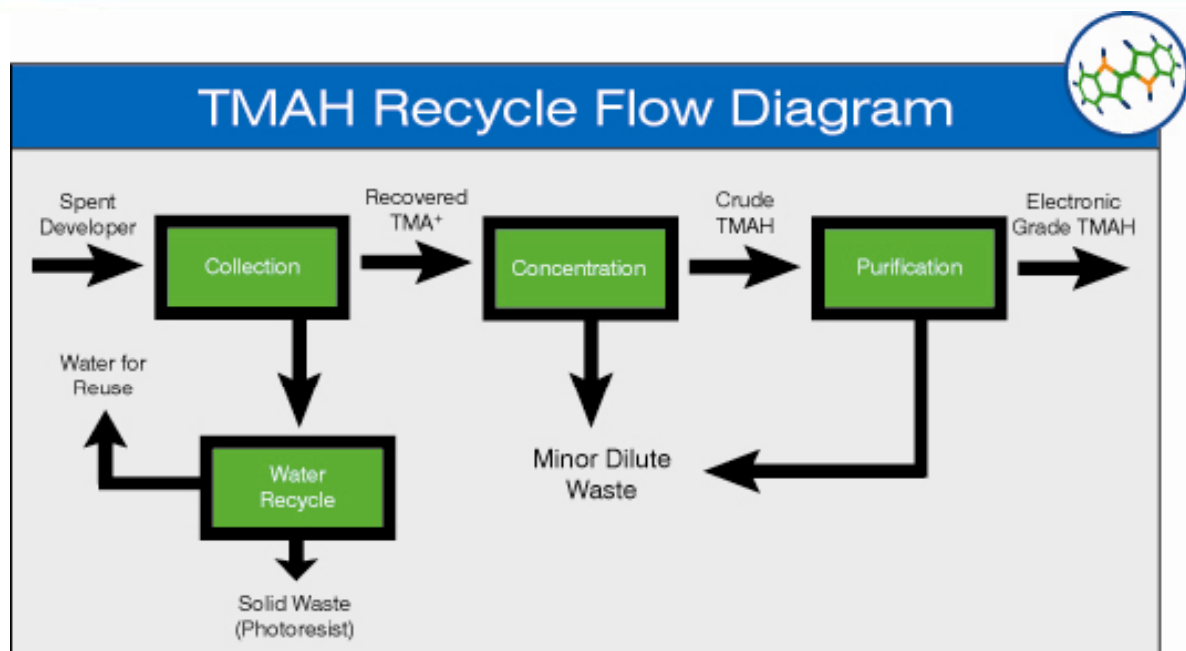


Let Us Handle TMAH For You....

- ▶ **Over 30 Years Experience In Providing Electronic Materials**
- ▶ **SACHEM's Toll and Custom Blending Services**
 - Minimize contact with high concentration TMAH solution
 - Clean room environments are available for packaging and analytical services
 - Private labeling available
 - Proven chemical handling and processing capabilities at all SACHEM sites
- ▶ **Customer Specific Package Designs**
 - SACHEM will adhere to customer specific package designs to limit exposure to employees



SACHEM's Mobius System®



- ▶ Isolate TMAH handling into a closed-loop system
 - ◆ Reduce incoming raw material exposure and handling
 - ◆ Lower environmental impact
 - ◆ Increase your capacity
 - ◆ Save money
 - ◆ Water reclamation

Alternative Performance Products

SACHEM has been a leading supplier for electronics applications for over 30 years.

- ◆ Using our chemical science expertise, our scientists and engineers design **functionality** in blended formulations to develop **performance** based solutions.
- ◆ We **provide** commercial volumes of high purity components that may be used in etchants, cleaners, and developers
- ◆ Our **applications know-how** results in novel performance to achieve complex selectivity goal

