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INSIGHTS

ChemStation



A Better Option

One chemical used in washing vehicles in the trucking industry is the same chemical that, when combined with uranium, fuels nuclear power plants.

We're talking about hydrofluoric acid (HF-A). It takes one teaspoon of HF-A to kill a person. Hydrofluoric acid is one of the most dangerous chemicals known to mankind. Go online, type in "hydrofluoric acid" and you will find unbelievable horror stories about injuries and death caused by this highly regulated toxic chemical.

There are better options and ChemStation can help you find a safer alternative for your vehicle washing and wheel cleaning challenges. While the cost of HF-A cleaning solutions is sometimes less expensive than safer soap options, the costs (personal protective equipment for handling the toxin) add up to outweigh the savings…not to mention the safety factor for your employees.

ChemStation's professional team of chemists has developed a safer alternative to be used in our custom-blended formulations. If you're looking for a safer solution to your industrial cleaning problems, give your local ChemStation representative a call.



Insights Going Electronic

We're donning our environmental hats to save another tree and begin producing an electronic monthly customer newsletter. Effective with the August 2009 issue, you will be able to receive *Insights* by e-mail only. If you wish to continue getting our newsletter (and we hope you do), please send us your e-mail address before July 17, 2009. We promise not to use your address for any reason other than to send our newsletter. Please e-mail your address to the *Insights* editor, kdunlap@chemstation.com.

THINKING GREEN

Have You Put Cell Phone Recycling on Hold?

Most people don't know where or how to recycle their cell phones. Consequently less than 20 percent of unwanted cell phones are recycled every year. Cell phones are made from precious metals, copper, and plastics – all of which require energy to mine and manufacture. By recycling cell phones, we keep these valuable elements from ending up in landfills and conserve natural resources.

In the United States, it's estimated that 100 million cell phones are ready for "end-of-life management." If all those cell phones were recycled, enough energy would be saved to power more than 194,000 households with electricity for one year.

By the Numbers



Gallons of soap delivered:
146,927,453 since 1984



Empty drums not in landfills:
2,671,408 since 1984

Are You at Risk?

According to the "Census of Fatal Occupational Injuries," there are approximately 4 deaths per 100,000 of the population, due to occupational injuries. Most of the fatal injuries occurred in the construction and transportation industries, or in workers over 55 years old. "Falls on The Same Level" was responsible for a number of these fatalities.

An interesting fact released by the "Census of Fatal Occupational Injuries," is the increase in employees being fatally injured from an object falling on them. Overall, the Census revealed that more than 90 percent of work-related injuries occur at private companies. Based on this information, develop a plan to practice "Safety First"!



MSDS History

Material Safety Data Sheets (MSDS) contain printed material concerning a hazardous chemical, as prescribed by law. They contain basic information needed to insure the safety and health of the user at all states of its manufacture, storage, use, and disposal.

Since the middle of the 19th century, manufacturers have been supplying their customers with some sort of data sheet, either along with their product or on demand. On November 25, 1983, OSHA issued its final regulations. Under this ruling, MSDSs were required for all shipments of hazardous chemicals leaving the manufacturers' workplace.

ChemStation issues a full 16-section MSDS with every product it delivers to your place of business. A copy of the MSDS should be kept on file with other MSDSs and everyone at your facility should know the location of the MSDS file. We also have a one-page fact sheet "How to Read an MSDS." They are available in English or Spanish and you can get one (or more) by asking your Account Representative.

The American Flag

History, etiquette, rules, respect, and protocol

Sunday, June 14 is Flag Day. A date that had its early beginnings in 1885 and was officially established by the Proclamation of President Woodrow Wilson in 1916. Later, in 1949, President Truman signed an Act of Congress designating June 14 of each year as National Flag Day.

The flag of the United States is one of the nation's most widely recognized symbols. Though you may not find a set of directions in the package when you purchase a flag, there is a United States Flag Code and a long list of do's and don'ts that come along with our national symbol.

Standards of respect of our flag include never using it as drapery, a desk cover, or for any advertising purpose. It should never be used as part of a costume or athletic uniform except as a flag patch.

There are at least 14 rules covering the display of our flag whether it's over the middle of a street, flown at half-staff, suspended from a sidewalk, when carried in a procession, or when hung in a window. On Memorial Day the flag is to be displayed at half-staff until noon and at full staff from noon to sunset.

When the flag is so worn it is no longer fit to serve as a symbol of our country, it should be destroyed by burning in a dignified manner.

For more flag information, visit www.ushistory.org/betsy/flagetiq.html



ChemStation Green

Doing our part for a clean environment

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SOAPBOX

The factory of the future will have only two employees; a man and a dog. The man will be there to feed the dog. The dog will be there to keep the man from touching the equipment.

It works better if you plug it in.

You have enemies? Good. That means you've stood up for something, sometime in your life. – *Winston Churchill*

It's hard to make a comeback when you haven't been anywhere.

You know you're too stressed when antacid tablets become your sole source of nutrition.

Life would be infinitely happier if we could only be born at the age of 80 and gradually approach 18.

Teamwork is essential; it allows you to blame someone else.

The one thing that unites all human beings, regardless of age, gender, religion, economic status or ethnic background is that deep down inside we ALL believe that we are above-average drivers.

Diet is the penalty you pay for exceeding the feed limit.

The only difference between a yard sale and a trash pickup is how close to the road the stuff is placed.

How much is all the tea in China? About 855,190 metric tons or about 200,000 elephants.

Facts are stubborn things, but statistics are more pliable. – *Mark Twain*

Elbonics, n. The art of maneuvering for the center armrest in a theater or airplane.

When you are finally holidng all of the cards, why does everyone else decide to play chess?