CHEMSTATION®

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INSIGHTS

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When Talking Turns Toxic

One way waste can be hazardous is by containing toxic materials. The word "toxic" brings to mind thoughts of industrial processes and nasty chemicals. The reality is that we work closely with these materials every day. One example: your cell phone. In their circuitry, batteries, and liquid crystal displays, cell phones can contain toxics like arsenic, beryllium, cadmium, copper and lead. Their plastic casings have also been treated with brominated flame retardants, another toxic material.

By 2005, cell phones will be discarded at a rate of more than 125 million phones each year, resulting in more than 65,000 tons of waste. To minimize the environmental impact of using a cell phone:

- Keep your phone longer.
- Charge your battery correctly.
- Reuse or recycle your phone.

Extend the life of your phone by taking care of it. Follow the manufacturer's instructions for charging the batteries. Check with the manufacturer or service provider to see if they offer a "take-back" program. Always recycle, donate, or trade in your old cell phone.

Between 1999 and 2003, 2.5 million phones were collected to be recycled or reused, accounting for less than one percent of the millions of phones retired or discarded each year. ■

New Year's Trivia

The aluminum ball in Times Square weighs more than 500 pounds and is six feet in diameter. The ball is made of:

- A fog machine (creates mist to make it easier to see the laser and Xenon lights)
- A 100,000-watt Xenon lamp
- 12,000, 3/4" silver rhinestones
- 180, 75-watt Halogen lamps
- 144 Xenon glitter strobes
- 320, 1-inch light-emitting ventilation holes
- A fan (to cool all the lamps)

An odd combination of parts, to say the least… but each of the manufacturers of those parts are potential customers for the ChemStation solution.

From football blocking sleds (one-step phosphatizing system used to prepare frames for painting) to locomotive engines…pencil ferrules to automotive parts…ChemStation supplies aqueous parts cleaning chemicals to hundreds of industries in the world of manufacturing.

If you're making precision musical instruments, building automobiles, manufacturing aircraft or shipbuilders, we're there providing clean, safe, environmentally friendly solutions. Whether you're using spray cabinets, dip tanks, vibratory equipment, ultrasonic or pressure spray – with ChemStation products, our system is your solution! ■

Bubbles Float Up… Rain Comes Down

Do you clean a vehicle from bottom to top or from top to bottom? Whether you're cleaning the fleet of vehicles at work or your personal automobile at home, you need to know that there is a method for everything. Here are quick tips for correct vehicle cleaning:

When applying the cleaning solution, always start at the bottom of a dry vehicle and work upwards. Doing so prevents streaking. It also gives more dwell time to the dirtiest areas of a vehicle, typically the bottom.

When it comes time to rinse, start from the top and work your way down. In this way the soap is rinsed off most efficiently.

An easy way to remember the order is: bubbles float up (soap from bottom to top), and rain comes down (rinse from top to bottom).



ChemStation services all facets of the vehicle cleaning market with a full line of scientifically formulated products. From tankers and automobiles, from triple-color foam detergents to tire cleaners, from asphalt release agents to windshield cleaning fluids, our system is your solution. Contact your ChemStation Account Manager for more information. ■

February Facts

February is American Heart Month and Black History Month. On February 2, we'll be watching Punxsutawney Phil on network TV to find out if he sees his shadow. The old belief is that if the sun shines and he sees his shadow, six weeks of winter will ensue. Mardi Gras winds up on Fat Tuesday, February 8 followed by Ash Wednesday on the 9th. February 14 is Valentine's Day…a widely observed but unofficial holiday. February 18-21 is the time to get involved in the Great Backyard Bird Count when thousands of volunteers nation-wide track the number and types of birds that live near their homes. On February 21, we observe Presidents Day, commemorating the birthdays of George Washington (Feb. 22) and Abraham Lincoln (Feb. 12). Pope Gregory XIII corrected mistakes on the Julian calendar on February 24, 1582 by dropping 10 days and directing that the day after October 4, 1582 would be October 15. The Gregorian, or New Style calendar, was then adopted by Catholic countries, followed gradually by Protestant and other nations.



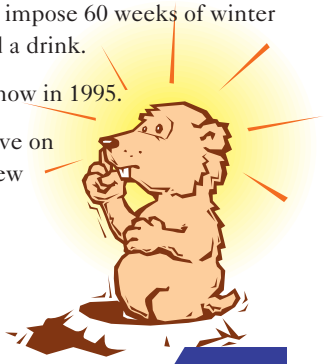
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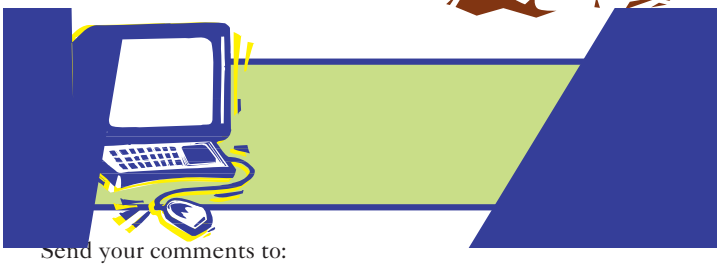
Groundhog Day

If you don't live in Pennsylvania (or one of the neighboring states) there are some interesting tidbits about this annual event that you might find enlightening.

- Punxsutawney Phil is the only true weather forecasting groundhog. The others are just imposters.
- There has only been one Punxsutawney Phil and he has been making predictions since 1886.
- On February 2, Phil comes out of his burrow on Gobbler's Knob to predict the weather for the rest of winter.
- According to legend, if Punxsutawney Phil sees his shadow, there will be six more weeks of winter weather. If he does not see his shadow, there will be an early spring.
- During Prohibition, Phil threatened to impose 60 weeks of winter on the community if he wasn't allowed a drink.
- Phil appeared on the Oprah Winfrey show in 1995.
- In 2001, Phil's prediction was shown live on the JumboTron at Times Square in New York City.

There you have it! ■





Send your comments to:

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