

TECH TALK
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MASSACHUSETTS INSTITUTE OF TECHNOLOGY August 7, 1968



Many hands make fast painting in the Day Camp crafts room.

MANY HAPPY RETURNS

Just beginning its final quarter for the summer, the MIT Day Camp is celebrating its tenth birthday this year with a full complement of happy campers and a waiting list which attests to its continued popularity. Each day 170 campers eagerly leap off the Mass Avenue bus or out of parental cars to plunge into a program chock-full of action.

The dizzying daily schedule includes archery, bowling, two swim sessions, tennis for the older campers, arts and crafts, riflery and competitive sports like basketball and softball. Somehow sandwiched into this program is a special event for each quarter--a swim show two weeks ago and skit night last weekend, staged by the campers as entertainment for their parents. Camp will close this year on August 16 with the traditional all-camp carnival in Rockwell Cage.

With the exception of some campers who have been coming for several years, admission to the camp is now restricted to the children of MIT personnel. Letters announcing the program are distributed to the general community and registration for camp is due each year on March 1. Peter Close, camp director, reports that by March 2 the waiting list was already well established.



Finding the starter switch may be something of a problem in this car.

THE GREAT RACE

An MIT garage off Amherst Street was the scene of frenzied activity last weekend as ten students began final assembly of the electric car they will use two weeks from now on a cross-country race with Caltech. The object of their efforts is a '68 Corvair supplied by General Motors. To say it was stripped-down is an understatement. About all that was left as assembly began was the body, front seat and suspension system. Even the rain-catch above the doors has been removed because the boys discovered they could reduce drag.

What goes into the MIT car will fill it up again very nicely--and then some. The motor itself weighs only about 80 pounds and should deliver 30 horsepower. But the power source for the motor is more impressive: 2,000 pounds of Gulton rechargeable nickel-cadmium batteries. These are being installed in the back seat and the trunk. The dashboard of the experimental car looks more like the cockpit of an airplane than the control panel of an automobile.

Road testing is scheduled to begin this week, with the race itself to begin at noon Eastern Daylight Time on August 19. The MIT team believes the car can achieve speeds of 60 miles per hour for a distance of 80 to 100 miles before needing a recharge. Getting a charge should take about 15 minutes. With two drivers switching, the MIT car will hopefully make it to Pasadena in 3 1/2 days of continuous operation.

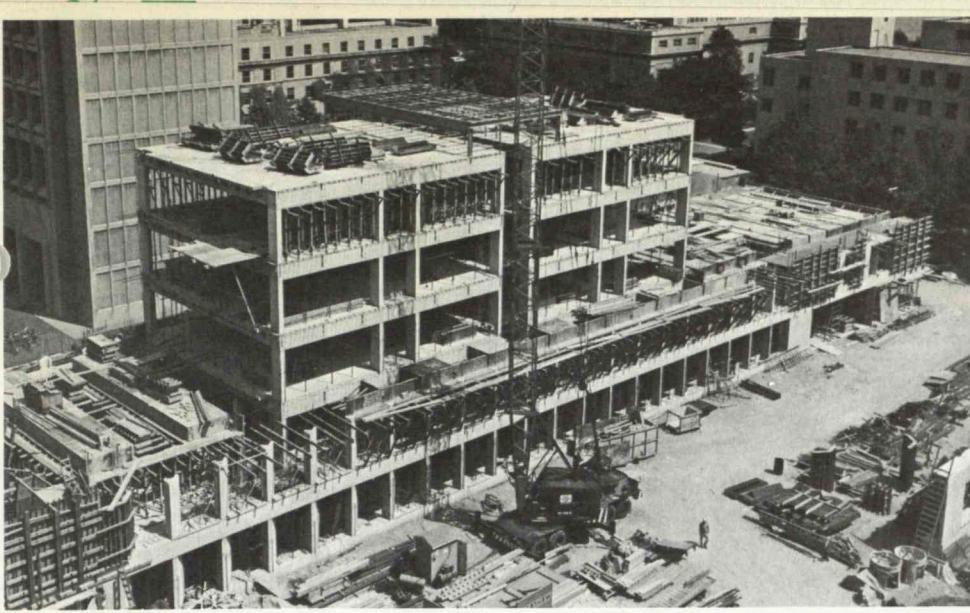
The Caltech car, a converted VW microbus powered by a 20 horsepower electric traction motor, will leave Pasadena at the same time the MIT car departs Cambridge and travel the same route only in the opposite direction. This car has been in operation for several months. Both racers will be accompanied by support vehicles of the traditional gasoline type.

The race was proposed by a Caltech student last winter in an effort to stimulate public interest in electric vehicles as a possible answer to part of the air pollution problem. The groups at both Caltech and MIT have been helped in developing their cars by industry, government and utility companies.

So, in the next few days, watch the campus roadways and you may see a bright red prototype of a vehicle we may all be driving in a few years. May the best car win!



The first of ten ranks of batteries is installed in the back seat area.



A new beauty emerging on campus: the Dreyfus Building.

CHEMISTRUCTION

For those who travel the sidewalks alongside the Dreyfus Building, what goes on inside the construction fence provides almost endless fascination. Construction is always interesting to watch, but the new chemistry building has been something special.

First there was the huge plastic tent, put up to protect both the workers and the embryonic building from winter's icy blasts --not to mention precipitation. When the weather moderated the building rapidly rose and there was an intriguing variety of construction items strewn around the site just inside the fence. Because the building will be connected by tunnels to Green, Whitaker and Hayden, it was sometimes necessary to lower the underground drainage ducts in order to leave headroom in the tunnels --thus more complicated digging.

Now the core of the building is up and topped out at five floors above ground --there are two below --and architectural concrete is being applied, giving a good hint of what Dreyfus will look like when completed. At the same time the ends of the building are going up with workers see-sawing back and forth from one end to the other. While the reinforced concrete is molded and cured at one end of the building, the crew can be busy pouring another floor at the other end.

An iron workers' labor dispute has slowed progress on the building, but not seriously yet. By fall, Dreyfus should be closed in, leaving only the interior work to be finished when winter comes again. Then, the academic year of 1969 will find the Institute with a handsome new home for chemistry.

MORE THEATRE

No sooner will the Community Players leave Ashdown House this weekend when the MIT Classical Musical Society will take their place with this summer's production of "Pajama Game." Organized four years ago as a sort of summer replacement for the Gilbert and Sullivan Society, the Classical Musical Society has been entertaining our summer colony with Broadway favorites ever since.

"Pajama Game" will be presented coffee-house style in the Campus Room, opening on Monday, August 12, and continuing through Saturday, August 17. Tickets are \$1.50 and may be bought at the door. Refreshments will be served.

KUDOS

The American Alumni Council and the American College Public Relations Association held a joint meeting in Miami last month and representatives from MIT returned to Cambridge with bright smiles brought on by awards we received there.

The AAC gave its most coveted prize, the Ernest T. Stewart Alumni Service Award to the MIT Alumni Association in recognition of the "outstanding service rendered to an institution and to the cause of education by organized alumni effort. The award was for a two-year self-study carried out by our alumni, the results of which were cited as "an agenda for advancement." Donald P. Severance, '38, executive vice president of the Alumni Association, accepted the honor on behalf of the Institute.

John Mattill, an experienced award recipient, was there too, where he learned that "Technology Review," which he edits, was judged one of the top ten alumni magazines for the second year in a row. "Tech Review" also received honorable mention in two categories and a citation of special recognition for the May issue on technology and the environment.

Happily, it seems nearly impossible for the Office of Publications not to win. This year Glenn Curtis, production coordinator for the office, accepted a special citation from ACPRA for the Institute's total publications program.

FOR SALE, ETC.

- Older GE 8 cu ft refrig, gd work cond. Frank, X1316.
 GE washer, \$150; rugs: 6x9, \$12; 9x12, \$6; 9x12, \$20. Call 643-2040.
 Heath 28w stereo amp, Silvertone 4-spd auto trntrbl, \$60; 8" astron reflecting telescope, \$175. X3623 after 6 pm.
 Mod sofa, v gd cond, best offer. Call 862-3277.
 Frigidaire port convert dishwasher, \$200 new, yr old, \$140 or best; Frigidaire 30" elec stove, \$60 or best. X3243 or 581-1433.
 Dresser, bkcase, chair. Ralph, X3834 or 266-7429 evgs.
 Sears 9x15 nylon brown twd rug, \$125 new, asking \$75 w/pad. X6735 or 851-3255.
 Camp'g equip: Burnsomatic propane stove, Tilly lamp, \$20. Leonard, 484-9233.
 Portacrib w/matt, \$15; carriage-stroller-carbed, \$7; humidifier, \$3 or best offer. X6267.
 RCA Whirlpool port dishwasher, exc cond, \$100. Wayne, X1463.
 Sofabed & match ch, exc cond, \$75; DR tbl & 5 ch, v gd cond, \$45; secretary desk, bureau, 9x9 green rug, misc items. Ed Redish, X7034 or 868-6689.
 Free: tortoise shell kitten. Also furniture for sale. Call 782-3568.
 Red 12x10 1/2 rug w/pad, gd cond, 3 yrs old, was \$130, asking \$60. John, X7121 Linc.
 Book shelves, 6, \$5 to \$8; sofa, \$10; tbl, \$10. X4571 or 924-2117 evgs.
 High ch, crib, GE TV, 4 beds w/foam matts, DR set, misc. Call 731-2447.
 Ash blond med length human hair wig w/case & std, nds setting, \$50; sun lamp, \$5. Susan, X4637.
 Rowboat, 12', suitable for ocean, gd cond, \$50. Ed Alexander, X5589.
 Lamps, dresser, drapes, pictures, dbl bed, port TV, etc. X6028 or 491-7237.
 A.O. Smith 30 gal gas ht wtr htr, used 1 1/2 yrs, \$50; 30" gas stove, exc cond, \$50. Horace Smith, X4605.
 Sailing pram, 8', exc cond, \$65. Call 862-2899.
 Elec dryer, exc cond; chest of drws; vanity chest & ch; twin beds; vaporizers; student desk & ch. Jonas, 566-3662.
 Minolta SRT 101, incl 1-yr fac warranty. Manfred, X6322. Also spts car books.
 Audio Empire trntrbl w/cart, \$70. Tony, X461 Linc.
 Assort furn in gd cond for 4-rm apt, \$150. Call 547-0029.
 Pentax SV w/55mm 1.8 lens & case, unopened, \$150. Joel, X7660 or 492-7549.
 Crosley 17" tbl mod TV, \$25; GE refrig, \$25; sgl bed, gd cond, \$35; 4-drw dresser, \$8. Boring, X2736 or 734-0564.
 Crib, dressing tbl, playpen, carriage, all for \$75. Call 944-9419.
 AR-3A spkrs, 1 or 2; Dual 1009 chgr; Shure V15-I cart. Ken Futornick, 262-2769.
 Refrig, \$30; ch, \$7.50; sofa, \$20; bureau, \$5; twin bed, \$20; studio couch, \$10; snows: 1-6.70x15 & 1-7.50x14 on wheels, \$10 ea. Joan, X7165 Linc.
 King Size sleeping bags (2), \$15 ea. X5366 Linc or 547-0913.
 Archaic but working TV, \$6; stroller, \$5; flex lamp std, \$1.50; suitcase, \$3. X6036.
 Chevy Corvette 327 eng, 300hp, \$300. Nick, X3359 or DU 7-4388.
 Twin bed, \$15; sofa bed, \$20; free: chairs & bed, etc. Call 254-9186.
 Honda '64 Superhawk, 300cc, \$125 or best; Sony TTS-3000 prof trntrbl, br new, orig guar, \$220; twin box spr & matt, \$30; 6-drw dresser, \$10. X3411.
 SC trntrbl base, AE 880P cart, \$40 or best. Woods, X4685 or 783-0392.
 Sears 24' magnesium alloy ext ladder, new \$76, asking \$40. X2140.
 Green wool 9x12 rug w/pad, 4 yrs old, \$125 or best; solid maple gateleg DR tbl w/leaf & 4 ch, \$60 or best; 60"x34" ofc desk, \$35 or best. Call 868-8632.
 Evinrude '57 outbd motor, 18hp w/tanks, best offer over \$75. X6844.
 Bed, \$15; desk, \$15; arm ch, \$10; 9x12 rugs, \$10 ea; DR tbl, seats 10, \$15; studio couch, \$10; vac chr, \$20; chairs, lamps, curtains. Jerry or Doug, 266-3543.
 Firestone T&C 7.35x14 snows, barely used, \$60 value for \$35. Call 734-4073 evs.
 Air cond, 6K BTU, reg or casemt window, exc cond, \$90. Stan, X2297.
 Free: 2 girl's 26" bikes; amp & trntrbl; beagle size dog house. Call 484-0471.
 Brnt orange fibergl drapes, 84"x280" w/trav rod, \$40; GE elec htr, \$10; desk lamp, \$3; formica K cab, \$10; 14" window fan, \$10; etc. Tony, X2412.
 Persian kittens, CFA reg, innoc. Los Felinos, X3547.
 Harley Davidson 15hp '67 gas oper golf cart, like new, \$850 or best. X1352.
 Crib w/matt, \$10; Eng carriage, \$20; sofabed, \$15; easy ch, \$10; 3-cyc RCA dryer, \$50; auto defrost refrig, \$45; dbl bed, \$25. Call 666-0556.
 Lg heavy fireplace irons, \$14. Groninger, X7448 or 734-0564.
 Chickering 6'6" grand piano, Ampico mod, gd cond, \$600. X7395.
 Cabin Cruiser, 19', 50hp Johnson, Gator trlr, canvas top, gd for camp afloat, prime cond. X1440 or 275-8963.
 Krakauer upr piano, ivory & gold, comp recond, fine order. Jim, 944-2138.
 Player piano rolls, old & new titles, most rec purchased, 50¢ ea. X4368.
 Util trlr. W. Derry, X2776.
 Lg wal desk; cane couch w/cushions; BR set; wrought iron K set w/glass top; refrig; wash mach. Call 924-6870.
 Jet bl human hair long fall w/band, wrong color, never used, \$65. Lena, X2802 CEA.
 Assrot typwrs, 16" tone arms (Emp & Shure); other electronic items. X4969.
 Maple crib w/matt; pine crib w/matt; green plaid carbed; GE food warmer; Thayer stroller, convert; lg pine playpen. Call 484-8423.
 Br new 17 AP4 pic tube. Does, X3531.
 Honda 305cc Superhawk, new batt, gd cond. Lv message for Mike, X5755.
 Thompson 17'; '60 Johnson 75hp, fl cover, elec switch, tlt trlr, exc cond, \$1000 or best; '63 MGB roadster convert, red, \$550. Dave, X3531 or 396-4663.
 Mod 96" sofa & lg man's ch, v reas. Call 696-6295.
 Honda E-300 port generator, br new, never used, gd for camp or boat, 300w at 117v, \$175. Janet, X2395 or 254-1664.
 Kawasaki '67, 250SS, \$400 or best. Mike, 354-8609.
 Free: baby gerbils. X6872 or 864-0382.
 Formica 36"x48" K tbl & 4 ch, beige & brown, \$25. X2608 or 265-1283.
 ChrisCraft 20' cruiser, '58, w/trlr, \$895 firm. Tom, X7617.
 Highboy & match dresser w/mirror; boy's dresser; birch hutch, all exc cond. Dario, X7713 Linc or 233-7522.
 Furn from fully furn apt, cheap. Call 782-3568.
- Telescope, \$30; tape rcd & 5 tapes, \$35; Garrard chgr, \$20. John, X6093.
 AR trntrbl w/Pickering V15 cart; Westinghouse 21" window fan; pr AR4 spkrs; elec guitar. Steve, X2513.
 Brick & board bkcase, \$10. Ron Jackson, X3495 or 868-5998 evgs.
 Suzuki '65 K-10, 80cc, gd cond, 6K, \$135, will haggle. Paul Pelke, X3161.
 Mod 315 Federal enlarger w/90mm lens + many access, best offer. Call 298-7785.
 Klepper Master folding boat, never used. Ausrotas, X6421.
 Upr piano. X5581 or 354-2324.
 Pr ski boots, 11; 2 poles, \$10 for all. Frank, X7818 Linc.
 Grado arm w/Pickering cart, like new. X7179 or 547-3930.
 LR set, 2 yrs old, \$50; formica student desk, \$5, must sell. Culp, 734-8711.
 '56 Jaguar C mod roadster, best offer. Roger, X5455 Linc.
 '57 VW sedan, R&H, reas offer. Anthony, X4200.
 '58 Olds, safe, \$100. Stiglitz, X7859 Linc.
 '59 VW sunrf, best offer. Al, X5264.
 '59 Mercedes 220S, exc cond, \$550. Aptahi, 868-9022.
 '60 Ford convert, new batt, tires, muff, gd top, \$150. C. Borland, X2620.
 '60 Chevy 4-dr sedan, 6 cyl, std, \$75. X3803.
 '61 Corvair Monza 4-dr, gd run cond, clean, \$275. Jim Byrne, X4834.
 '61 Rover 100 4-dr sedan, bl w/red int, snows incl, exc cond, best offer. Harry, X2482.
 '61 Falcon wgn, rebuilt motor, all purpose tires, R&H, new muff, \$200 or best. Jim, X4500.
 '62 Buick Invicta spt convert, buckets, 60K; Garrard extras, exc cond, \$850. R. Neal, X5629.
 '62 Falcon 2-dr hrdtp, std, \$75; Corona-type port typwr, exc cond, \$30. Bl 4-2696.
 '62 VW sedan, exc run cond, R, \$475 or best, getting lgr car. KI 7-6917.
 '62 MG Midget, red, R&H, \$600. Kenan, X2673 or 547-7944.
 '64 VW sedan, v gd cond, \$750 or best. Jack, X4360 or 861-1257.
 '64 VW sedan, 50K, new tires, exc cond, avail 8/16, \$900 or best. X4211.
 '65 VW camper, pop-up roof, exc cond. Jones, X2817 CEA.
 '65 Ramb 220, nds body work, \$250. X4948 or 667-6991 evgs.
 '65 Mustang V-6, std, rebuilt trans, 38K, \$1200. Kohatsu, X6866.
 '65 (late) Mustang convert, 8 cyl, auto, big eng, R, auto tape, extra heavy susp, new tires, p st. Susan, X5762 or 358-2559 Wayland.
 '66 VW, lt green, \$1250. Call 864-0185 for appt.
 '66 Merc Comet, well maint, p st, ww's & snows, exc cond, must sell, asking \$1375. Judy, X2695 or 232-7067.
 '67 Mustang, 6 cyl, still under guar, \$2000. Joe, X7134.
 '67 Olds 442 convert, 4-spd, many extras. Ira, X6669 or 547-1335.
 '67 Simca 4-dr sedan, \$1000. Hazel, X695 Linc.
 '68 VW sunrf, red, under 10K, exc cond, fl guar, best offer, cash req, living country. X2673 10-noon 8/12 only or Sloan lt noon-2 pm.
 '68 VW, wh, 10K, exc cond, \$1550 or best. Herbert, X6095.
 Hingham, furn hse, sch yr only, fpLR, DR, sm K, 3 BR, 2 B, fin playrm, wded yd w/fp, tbl, \$190/mo + util (\$30 ht), couple pref. Call 749-4608.
 Bcn HI, furn apt, avail 9/1, LR, BR, K & tile B, riverview, newly dec, \$135/mo. X4159 or 523-2391.
 Arl hse for sale, overlook Spy Pond, 5 BR, 2 B, LR w/fp, DR, K, enc porch, 2-car gar, low \$30's. Call 643-1754 evgs.
 Som, nr Porter Sq, apt, 4 BR, LR, K&B, yd, pking, \$105 + ht. Raymond, X6794.
 E. Derry, NH, col 5-BR hse, avail Sept for yr, \$200/mo. X5851 Linc.
 Camb, 4-BR hse for sale, LR, DR, K, fl bsmt, big fenced yd, 5 min drive to MIT, quiet, off-st pking, \$32,500. Call 354-3570.
 Winch, 3-BR col, move-in cond, exc loc, LR, DR-fam rm, eat-in K, \$24,500. Mr. Harvey, X7449 or 729-8162.
 Sanford, Me, 35 acres. Ken Wilson, X5831.
 Lowell, 2-fam hse nr Teachers Col, exc cond, 6&6, sep ht & ent, scr porches, 2-car gar, \$20,000. Ron, X7726 Linc.
 Kingston, NH, cott, all conv, priv beach, avail after 8/17, \$60/wk. Call 324-2986 evgs.
- WANTED & MISC.**
 Woman's bicycle, free or reas. X6254.
 Fem rmmate for 4-rm apt, Harv Sq vic. Call 868-2139.
 Wooden bkcase, desk, tbl & chairs, reas. X6235.
 French, Spanish, Italian translations & tutoring. Carol, 332-2852.
 Sitter for 3 1/2-yr-old boy, days, end Aug through sch yr. Claudia, X4565.
 Organist for all-male jazz-rock group. Call 232-3480.
 Garage for 2nd car nr Oakley & Chester Sts, Bel. McAulay, X695 Linc.
 Daily ride, Waltham to MIT, 9-5. Debbi, X3838.
 Sofabed, sideboard, bkcases, all gd cond, w/ pay reas price. X6157 or 868-1632.
 Reg tires for Ramb, 6.50x14. George, X5551 Linc.
 Sitter for 8-mo-old boy, 8-5 Mon-Fri, Camb area. X3942.
 Does anyone nd fem rmmate for Sept? Catherine, X3147 or 492-7099.
 Sitter for 4-mo baby 3 days/wk beg 9/1. Call 484-2508 evgs.
 Three-panel screen/rm divider. Cindy, X5655.
 Fem rmmate, 23-25, for apt nr Ken Sq, own BR, furn, \$67.50/mo. Marilyn, X6244.
 Sitter for 3-yr-old boy, 2-3 days/wk, my home, Brk. Call 731-2725.
 Apt, 2-3 rm, pref furn, in/around Camb, 9/1-1/31/69. Bose, X6665 or 868-6244.
 Gibson or Guild flat-top guitar. Lenny, X2627.
 Gar to rent for winter, Newton, pref nr Brighton. X1236.
 Thesis typing. Miss Wiley, X4981.
 Student wife or live-in sitter for 6-mo-old baby & working mother. X5783.
 Chevy Impala '58 or later, V-8, std, gd body. Clark, X3306 or 864-4886.
 Apt or duples, 4-5 rms, Wat-Bel, beg 9/1. Carl, 782-6972.
 Round wooden drop-leaf tbl, \$35 or less. Betty, X2701 or 547-6029 evgs.

SAFE TALK

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

August 1968

BE CARRY-CONSCIOUS

Several recent incidents stress the importance of proper acid handling procedures. A full bottle of hydrochloric acid (shown in the top picture) was borrowed from an adjoining laboratory. While being carried into the laboratory where it was to be used, the finger of the person carrying it went through the glass and into the acid. Fortunately, he was in front of a sink and immediately flushed the affected area with copious amounts of water. The resulting burn was minor.

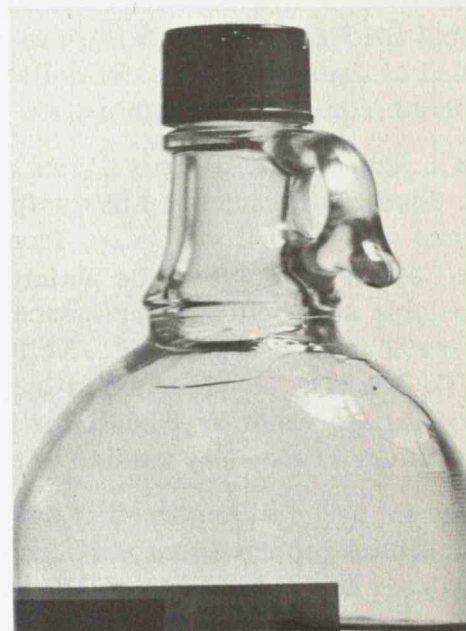
Micrometer measurements showed the glass in the area of the break to be .014 of an inch thick, an obvious defect. Three other incidents have been reported in which the bottoms literally dropped right out of acid bottles.

Rubber acid carrying buckets are available in the Lab Supplies stockroom. Though bottles are not normally expected to be defective, the carriers can prevent accidents like these and also offer protection from bumping and spills while in transit.

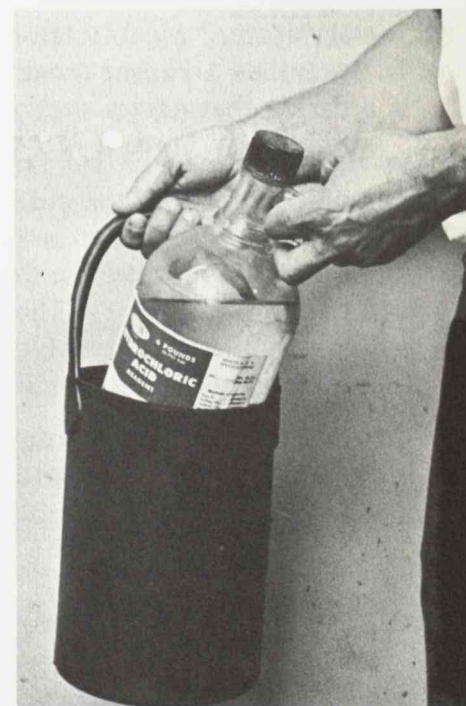
JUST FOR YOU

In the past eight months the U.S. Congress has passed three laws affecting your safety and that of your family. In November Congress passed Public Law 90-146, a joint resolution establishing a National Commission on Product Safety. Its duties will be to "conduct a comprehensive study and investigation of the scope and adequacy of measures now employed to protect consumers against unreasonable risk of injuries which may be caused by hazardous household products." Within two years, the Commission is directed to report to the President "the identity of categories of household products which may present an unreasonable hazard to the health and safety of the consuming public." It is also to report on industry self-regulation, the protection afforded consumers by state laws and the effectiveness of these regulatory agencies.

In December the "Flammable Fabrics Act" became Public Law 90-189. It is "an act to amend the old flammable fabrics act to increase the protection afforded consumers against injuries from flammable fabrics." Through it the Secretary of Commerce is empowered to create a new or amended flammability standard or other regulation, including the labeling of fabrics or related materials to protect the public against "unreasonable risk of occurrence of fire leading to death or significant property damage." It considerably broadens the scope of the original act and now includes related materials and products, as well as fabrics and clothing. Related materials may include such items as paper, plastic, rubber, synthetic film or synthetic foam, while the term product may mean any article of



This kind of accident...



...can be avoided with this.

wearing apparel or interior finish. In addition the act establishes a national advisory committee with which the Secretary will consult before prescribing flammability regulations.

Then in March Public Law 90-225, known as the 'Fire Research and Safety Act of 1968,' was approved. It empowers the Secretary of Commerce to establish a fire research and safety center. It also provides for a national fire research program including the gathering of comprehensive fire data, the demonstration of new approaches and improvements in fire prevention and control and related activities to reduce death, personal injury and property damage caused by fire.

FASTEN YOUR SEAT BELT...OR IT MIGHT COST YOU MONEY!

It is a fact that using seat belts can save lives. Now there is additional evidence that the failure to use seat belts when they are provided can result in a loss of dollars as well. The following is reprinted from a recent publication of the U.S. Department of Justice:

"In a recent Federal Tort Claims Act case, the District Court for the Southern District of Mississippi reduced a damage award, in a motor vehicle collision case, from \$150,000 to \$75,000 based upon the Court's finding that the plaintiff's failure to have fastened an available seat belt was negligence and a 50 per cent contributing cause of injuries sustained. Kelly vs. United States, Civil No. 4094 (S. C. Miss.)...to treat the failure to utilize seat belts as contributory negligence or as a basis for reducing a damage award where the failure is causally related to the injuries complained of."

A recent nationwide survey of the Auto Industries Highway Safety Committee reported that although more automobiles are equipped with seat belts, fewer people proportionately are wearing them. Your seat belt--if worn--is one of the best forms of life insurance.

FROZEN FINGERS

"Speaking of Safety," a publication of the Greater Detroit Safety Council, describes a recent freak accident. Though it seems unusual, it's a threat that exists every day in many homes.

A homemaker reached into her freezer for some food. Her hands were wet and contact with the side of the freezer caused three fingers to freeze fast to it. Her awkward position prevented her daughter from pouring water on the fingers or otherwise assisting, except for calling the police. The police managed to free the homemaker, but she suffered extensively from frostbite in the fingers. This is equal in seriousness to second or third degree burns.

As for precautions, whenever removing food from a freezer, be sure that your hands are dry and avoid contact with the interior surfaces of the freezer. To be doubly safe, wear gloves.

TIPS FOR YOU

Information on some common fire causes is now available in a compact 23-page booklet. Topics covered include electricity, friction, flammable liquids, static sparks, cutting and welding, and spontaneous ignition. A one-page leaflet, entitled "A Fundamental Review of Flammable Liquids, Characteristics and Hazards," is also available. Intended to serve as a guide for those not familiar with hazards of flammable liquids, it covers such items as flashpoints, explosion limits, specific gravity, toxicity and vapor density. Anyone who would like either of these publications should call the Safety Office.



Benny Pacheco of Lab Supplies takes an inventory of compressed gas cylinders.

CYLINDER SAFETY

Compressed gas cylinders which may be partially empty or no longer needed present a number of problems. They may corrode and the labels can become obscured. Sometimes they leak noxious or flammable gases which require special--and expensive--handling to prevent injury to personnel. They also take up laboratory space that might well be used more effectively, and they build up demurrage charges at the rate of five cents a day per cylinder after 30 days.

During the last year, the number of compressed gas cylinders in use here has increased by about 350 or 15%. This has resulted in a sharp increase in costs and other problems. Both cost and hazard can be reduced if each user returns empty or unused cylinders promptly. If you are in doubt about procedure, call the Office of Laboratory Supplies on Ext. 4762 to arrange for returning these cylinders.