

Chemical Knowledge Aids Wives

NEW YORK (UPI)—Food shopping housewives who did some homework in high school and college chemistry find the knowledge gained a handy assist today in managing the family fare and food funds.

"Monosodium glutamate," "diphosphates," and other food chemical terms, printed on the labels in the grocery, bakery and meat sections, are easy reading for knowledgeable shoppers going through supermarkets.

"Glutamate," the food enhancer, is a big item. Food packers use an estimated \$3 million pounds a year.

Other tongue-twisters frequently met include monoglycerides, humectants, calcium propionate, lecithin, sorbic acid, nitrites and antioxidants, all merged into the one term of "additives," which play an important role in the nation's food supply.

Prevent Spoilage

They act to prevent spoilage and boost the keeping quality, flavor, color, texture, cooking quality and nutritional value of food. The alert shopper looks for assurance that the "additives" are safe. If the shopper is not familiar with food chemistry terms, this assurance is guaranteed from one source—regulations in the U.S. Food, Drug and Cosmetic Act.

By law, chemicals must be printed on labels by the common or usual name. The term, salt, for instance is used on labels rather than the chemical term—sodium chloride. Salt has been added to food perhaps longer than any other chemical. Salt was used by ancient men to preserve the flavor of meat.

Chemical terms, difficult to pronounce, are used where no common or usual name, exists for many additives.

"Monosodium glutamate," is a chemical used in certain foods to bring out the flavor, particularly in combination prepared foods—chicken pie, for instance.

Calcium propionate is a mold inhibitor used for bread. Antioxidants prevent rancidity in fats. Sorbic acid retards the growth of surface bacteria in cheese.

Emulsifiers increase activity. Emulsifiers, such as monoglycerides, diglycerides and lecithin increase the "surface activity" of fats by breaking the fat into tiny droplets so that it creams easily and mixes with water.

Nitrites and nitrites are curing agents for meats that help retain a typical red color in cured meats. Coloring agents are used for such products as frozen desserts, gelatin, puddings, marshmallows, cherries and kindred products. Humectants are used to prevent drying of shredded coconut. Firming agents are used for crispness in pickles, also as buffers and neutralizers to control acidity and alkalinity, and for leavening, clarifying, hardening, drying and other purposes.

Consumer protection against harmful additives is guaranteed in the Food, Drug and Cosmetic Act, with amendments of 1950 and 1951, reports Ruth Hodgson, marketing economist, with the New York State Extension Service.

Support Asked For Retarded

PORTLAND (UPI)—National support of a program to help the mentally retarded was called for Wednesday by Dr. Stafford L. Warren, special assistant to President Kennedy.

Dr. Warren, speaking to the American Association on Mental Deficiency here, said problems include training of retarded persons for jobs, and training parents of retarded and slow-learning children how to face the problems they have.

Gov. Mark Hatfield said the key to any adequate program was use of knowledge. "It has to be implemented and utilized, because knowledge itself can gather dust while misery continues," he said.

Before you put iron-on interfacing in a garment, remember they will make the fabric stiff.

Keep Power Tools In Good Order

By M. L. FIX
Written for
Newspaper Enterprise Assn.

If the "horses" in your stable—cultivators, mowers, snowplows—are of the small gasoline motor-powered variety, here are some suggestions for keeping them running.

First of all, check gas level. A little on the bottom of the tank may not feed properly. Most motor-powered tools have a shut-off valve on the gas tank. Check to make certain this is open.

How long has the gasoline been in the tank? If it's been several months since you used the tool, the fuel may have become gummy. Try fresh fuel.

Then, check the cap. The small hole in the cap serves as a vent. If the hole is clogged the gas



WHERE BRAIN WORK TAKES OVER — Relax under the cool shade of a tree in one of the city parks and take out the chess board for a slow unhurried afternoon of brain work. Chess, checkers and other less exerting activities are also part of playground facilities residents can take advantage of.

Hate, Tears Upset Student's Try To Mend German-Israel Friendship

JERUSALEM, Israel (UPI)—The meeting took place in one of the buildings on the Hebrew University campus in Jerusalem.

German and Israeli students sat facing each other across a conference table. The atmosphere was tense.

One of the Germans was speaking slowly in English, choosing his words with care. He proposed holding a joint German-Israeli symposium in Germany on the problem of anti-Semitism.

The Israeli students stirred restlessly. One interrupted the German: "Anti-Semitism is your problem, not ours. Considering that so many people in Israel have experienced the Nazi holocaust, it is morally out of the question for Israeli students to go to Germany."

The Germans offered to hold the symposium elsewhere in Europe. This, too, was rejected by the Israeli students.

Suddenly, an Israeli student jumped to his feet and shouted: "Why don't you go back to Germany? You are not welcome here!"

Turning to his fellow students, he declared: "It is wrong for us to have anything to do with Germans. This meeting is disgraceful!"

Germans Stunned
With these words he left the room, followed by five other students.

The Germans sat perfectly still, shaken by this outburst. One of the German girls burst into tears. Soon after, the meeting broke up in a slightly more cordial atmosphere.

The Israeli press reacted sharply to the incident. Some newspapers supported the stand taken by the six students who had stalked out of the meeting. A few strongly condemned the Israeli Students Association for arranging this meeting with the Germans. But most of the press showed a more moderate attitude.

The Jerusalem Post criticized the Israeli students who had hurled insults at the Germans who are members of a student group called the "Deutsch-Israelische Studenten-Gruppen (DIS)."

This organization is dedicated to promotion of friendship between Germany and Israel. Those Israelis who disapproved of such contacts would "have done better to have stayed away," the Post said.

The German students were the first to visit Israel this year. Last year, over 1,000 came here. Their trips are largely subsidized by the German government, church groups, trade unions and factories. Carefully selected out of a large number of applicants, they come here well informed about Israel but are nervous about the reception they are likely to get.

All applicants about whom there is the slightest suspicion of a Nazi

or anti-Semitic past are weeded out.

Since the war, a growing movement in Germany, consisting of first individual Germans with an anti-Nazi past and gradually embracing student and religious groups, has been searching for some way to bridge the gulf between the two peoples and to atone in some symbolic way for the crimes committed against the Jews in Germany.

These are not tourists in the ordinary sense. Many come to "do penance." Members of a group called "action for symbolic penance" have been spending time in European countries once occupied by the Germans, taking part in constructive building projects.

Ten years ago meetings such as the student groups would have been impossible. No German was permitted to enter Israel and Israeli passports were stamped: "Not valid for travel in Germany."

In Israel, they ask to be allowed to work in border settlements where manpower is scarce.

Out of a total of 273 settlements approached, only 12 so far have agreed to accept Germans as working visitors. These 12 are "young villages" of Israeli-born "Sabras" who do not share the personal memories of older Jews of European origin who lost parents, brothers, sisters or children in the Nazi holocaust.

A good part of Furtado's life has been spent trying to relieve misery in the northeast and to raise the eight-state region to the level of the central-southern Brazilian industrial heartland.

He is head of the federal North-east Development Agency (SUDENE)—one of the main recipients of Alliance for Progress funds.

Furtado also is sort of an economic planning czar for Brazil as it tries to lift itself out of foreign debt and end inflation.

"I didn't create the three-year plan," he said. "I only helped to bring together the work of other experts and put it into its final form."

He is sure the plan will achieve its aims.

"We will retain our high economic growth rate and cut inflation from 50 per cent to 10 per cent by 1965," he said. "I am sure the foreign investments we need will come, because this is one of the most progressive plans Latin America has seen. For the first time a plan has integrated both long and short term goals. We know where we are going tomorrow and where we are going in 1965."

Furtado fought as member of the Brazilian Expeditionary Forces in the Italian campaign of World War II under U.S. Gen. Mark Clark.

He graduated in law from the University of Brazil in 1944, and then received a doctorate in economics from the University of Paris. He worked one year as a research student at King's University of Cambridge in England.

He returned to Brazil and was a financial expert with the government until 1949 when he joined the permanent staff of the United Nations Economic Commission for Latin America.

SEGOVIA, Spain (UPI)—A distiller here is out to scuttle the Scotch-dram by dram.

His weapon: good "Scotch" whisky, brewed on the bonny banks of Segovia, and sold at less than half the price (\$2) of whisky imported from Scotland (\$4.67).

The new whisky, 10 years in the making, is called "DYC."

It cost Spanish industrialist Nicomedes Garcia Gomez nearly \$3 million to produce.

It went on sale in Madrid recently and imported Scotch whiskies dropped an average of almost \$1 a bottle in price.

Distiller Garcia Gomez said his plant could turn out about 1 million quarts of whisky a year and "I expect to sell every drop."

Imports of Scotch whisky into Spain last year amounted to slightly under 500,000 bottles.

Garcia Gomez' production began with importation in 1953 of 10,000 used Scotch whisky barrels to make sure his whisky would have the proper receptacles for aging. Then he brought in a team of Scottish whisky blenders and Highland peat to cure the malt.

One of his toughest hurdles was finding the right kind of water. Advised by his help that he could not make good whisky without soft water, he hired teams to test water supplies all over Spain.

The choice was this ancient town, where pure mountain water still comes down from the Guadarrama range across a stone aqueduct built many years ago by the Romans.

Garcia Gomez, already a big producer of Spanish brandy, wine and liquors, carefully avoided calling his whisky "Scotch" on the label. But to a whisky drinker's palate there is no doubt what type it is, though the label's only hint is "finely blended whisky."

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Soviet Missile Attack Could Use 'Polar Route'

CLEAR, Alaska (UPI)—If the Soviets launched a missile attack against the United States today, it would come from over the Arctic, air defense commanders believe.

That's because the "Polar Route" is within the closest striking distance to the heartland of the United States, they say.

Rockets, armed with nuclear warheads, would come raining down on huge population centers of the U.S. mainland within a few minutes.

Defense commanders point out that in the Alaskan defense frontier there is a mere 49 miles of sea separating this state and Siberia—the closest point between the United States and Russia.

Lack of Defense
U.S. commanders admit there is no defense against enemy missiles at this time. The best that could be done would be to detect rockets racing across the top of the world and give the U.S. mainland a 15-minute warning.

The United States has devised a defense network of three "watchtowers" across the top of the world.

It is called Ballistic Missile Early Warning System (BMEWS). Perhaps the most important of these stations is the one located here in the remote Alaskan back country—some 60 miles from Fairbanks. The temperature now ranges 50 to 60 degrees below zero.

This site is closest of the three "watchtowers" to Russia. Another is at Thule, Greenland, and the third is nearing completion at Fylingdales Moor, England. Cost to U.S. taxpayers—\$1 billion.

Must Signal Attack
The primary job of the BMEWS is to provide advance warning of a missile attack. This station, like the others, has a scanning range of 3,000 miles or more over all the Eurasian land mass from which missiles could be launched.

Should a Soviet missile be launched, the alarm would be signaled to the North American Defense Command (NORAD) headquarters in Colorado Springs, Colo. This would give the United States, in terms of time, a warning of a quarter of an hour.

This would be enough to send America's devastating retaliatory power, ICBM's and Strategic Air Command bombers, against the enemy in the early stages of conflict.

The United States has an anti-missile missile, the Nike Zeus, but it is not yet operational.

A Soviet missile attack, in event of a nuclear war, also would come from submarines. But the main attack, military officials believe, would come from over the top of the world.

"This is our most critical area," a defense commander said.

Paris Seen Booming City

PARIS (UPI)—Paris will be a booming, modern city of 12 to 16 million persons by the end of the century, according to a government forecast.

The forecast was released by Paul Delouvrier, government planner for the Paris area.

It has become more and more evident that modern Paris, with 8 million residents and 2 million vehicles, cannot operate on the same streets laid down in the 18th century. The city has had 2 million residents and 100,000 homes.

The planner's design calls for expansion of the city's two suburban superhighways to make a network of 10 express roads skirting the city. Then fast subway trains would carry workers to their jobs.

The report said present-day Parisians are among the country's most poorly lodged persons, with 80 per cent of the city's homes more than 30 years old and 2 million of the city's 3.3 million homes having neither a bath nor a shower.

Some 500,000 of these homes and apartments don't even have water on the same floor, according to the report.

Delouvrier's report was concerned principally with the city's future growth through 1975, but included additional surveys of the probable situation through the year 2,000. It was felt that any sensible planning would have to take into account the city's development over the next 30 years or more.

The report hailed the rapid growth of provincial cities as a factor which would save Paris from strangling itself, predicting Lyons might attain 2 million inhabitants and Marseilles, Lille and the Nancy-Metz region might reach 1.5 million inhabitants between now and the turn of the century.

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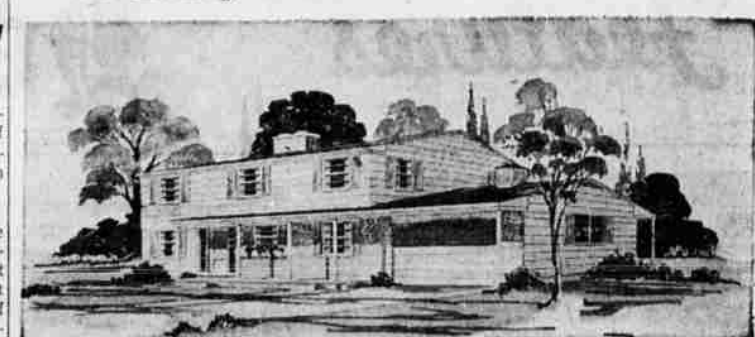
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Big Social Center Tops This Home

This week's selection is a home with many exceptional features. Social Center is a tremendous "L" comprising the family room, living - dining room and study behind the fireplace which features an open hearth in two rooms. When entertaining you have a king size social area, however, separation may be achieved if desired through the use of a folding wall, behind the three foot stub wall planter. This would shut off the study for use as a bedroom. Guest room on the first floor is near lavatory.

Kitchen has a built-in oven and range next to the door leading to basement stairs. Cupboards, sink and broom closet form a right angle at opposite wall.

Family room has an open shelf china built-in with access to the garage. As you can see, traffic circulation in this home eliminates unnecessary steps.

Second story sleeping area is well appointed. Bedrooms are spacious, windows placed to provide cross ventilation and closets with sliding doors are used throughout for added convenience. Other full bath has excellent location at the end of the hall.

Such extras as cedar closet, walk-in closet in master bedroom, a double linen closet between the top rear bedrooms and a smaller linen closet near bath and a handy clothes chute near cedar closet are just a few of the reasons for the increasing popularity of the top story home.

The more you study this plan the more you discover the convenience provided in living facilities and dollar value.

This plan conforms to general FHA, VA and Building Code requirements. You can obtain building plans with specifications and material list—see order coupon.

Paper Shuns Paul Revere

BOSTON (UPI)—Years later, Longfellow immortalized Paul Revere with his poem about the midnight ride.

But in the story published in the Massachusetts Gazette on April 20, 1775—the day after the ride ended—there is no mention of Revere.

Referring to the Battle of Concord Bridge, the newspaper said: "Last Tuesday night, the (British) Grenadier and Light Companies... were ferried in long boats from the bottom of the Common over to Phil's farm in Cambridge, from whence they proceeded on their way to Concord, where they arrived early yesterday."

"Upon the people's having notice of this movement on Tuesday night, alarm guns were fired through the country and expressed sent to the different towns, so that very early yesterday morning, large numbers were assembled from all parts of the country."

"A general battle ensued, which, from what we can learn, was supported with great spirit on both sides and continued until the King's troops retreated to Charlestown."

Commenting on the University's experiments with various materials, Cook County Police Chief George J. Houliett said: "Steel is the natural material for license plates. Steel tags are durable, and a normal paint finish protects

them from rusting. Other materials simply can't take the beating that steel can."

License plates have been made out of various materials, including leather and soy beans. The soy bean plates had to be withdrawn when it was found that deer were eating them.

Annual plates also are preferred by police officials because the yearly switch in color combinations makes it easier to spot outdated tags.

Forty million Americans sleep on mattresses more than 16 years old, says the Latex Foam Rubber Council.

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