

# Old Wives' Sun Tan Lotion Refined, Put in Spray Can

By REYNOLDS KNIGHT

Although the last snows of winter probably are yet to be seen, it's not too soon to think about summer, the beach — and sunburn.

From the University of Minnesota comes good news for sunbathers in 1966. Physicians at that far-north university's hospital have developed a new sunburn spray that won't wash off while the bather swims.

An old wives' tale that walnut leaves gave sunburn protection when rubbed on the skin led the researchers to the development of a spray containing two chemicals that enhance the skin's ability to filter out ultraviolet radiation, the part of sunlight that does the burning. The chemicals react with the skin's outer layer to give sunburn protection.

One of the chemicals, lawsonic acid, is extracted from walnut leaves, where it was discovered when the doctors made a study of the leaves. The colorless and greaseless spray is applied several times about 12 hours before exposure to the sun.

**STICK SHIFT FADEOUT?** — Another symbol of convenience and efficiency in America — automatic transmission in automobiles — is gaining favor throughout the world. The trend away from "stick shifting" has been slow, but it is due for rapid acceleration in the next few years, in the opinion of Lester G. Por-

ter, president of Borg-Warner Corp., largest producer of automatic transmissions sold overseas. In Britain, sales of automatics should more than double, and in Australia they should triple in that period, he forecasts. Today, Borg-Warner's automatics are used on more than 50 models of cars and six lightweight trucks produced by 20 companies in England, Sweden, France, Italy, Australia, and Japan. Porter said the factors that are influencing the growth abroad are the general prosperity, traffic congestion and the trend toward bigger cars. They're the same things that have helped boost automatic sales in the U. S. since 1945, he added.

**THINGS TO COME** — A new aerosol spray to loosen rusted or "frozen" nuts and bolts. Cuts through red or white lead, grease, tar or carbon deposits in a matter of minutes. From the toy makers, an electric guitar with an amplifier, a piano organ, and a set of drums with bongos and cymbals. And for the girls, a diminutive chocolate factory, complete with ingredients and oven. "Breathing" household gloves that keep the hands cool through a bellows arrangement operated by hand movements while working. A liquid level indicator for use on car batteries, beverage dispensers and room humidifiers. When liquid level is correct the top of indicator

turns dark. When too low, it appears to light up. Tiny lamp the size of a grain of wheat attached to flexible cord that screws into standard two-cell flashlight, can be used where flashlight is too bulky. Tiny light bulb will light entire room. Dog house with double walls and floor to provide warm, dry pet quarters.

**MOUNTAINS OF OIL** — A world that turns on petroleum still has an untapped reserve of oil that offers an energy potential roughly 18,000 times as great as today's annual world consumption of energy. This treasure trove of oil lies in the world's oil-shale areas and modern technology and the rising cost of finding and producing fossil petroleum is opening up this new source of oil.

Of the world's estimated 320,000,000 metric tons of shale oil reserves, more than half lies within the continental United States — in Colorado, Wyoming, and Utah — and in Colorado a semi-works pilot plant already is testing extraction methods that The Oil Shale Corp. expects to lead directly to commercial production of oil from shale. Within the 16,000-square-mile U.S. shale area there is an estimated 1½ trillion barrels of shale oil, an amount equal to nearly five times the proved petroleum reserves of the world. Shale oil has been known for generations and in France

becoming one of the nation's biggest shopping days. North America fast becoming a major newsprint growth area, with consumption around 900,000 tons for 1964-65 period and a 300,000-ton increase expected in 1966. Forthcoming Department of Transportation is expected to work toward formulation of new national transport policy, rather than dictate a film policy. Demand for steel in the Southwest and South is leading steel producers to plan new plants in those areas. December factory shipments of all types of trucktrailers rose 10 per cent over November, to 9,189 units worth \$49.1 million.

**SCIENCE IN THE NEWS** — Giant pandas, those black-and-white bears found only in Szechwan province of China, are so rare outside their home areas that only 20 are in captivity throughout the world. In a cooperative effort, the London and Moscow zoos will attempt in the spring to mate their pandas and the cub, if any, will go to London. A scientist of the National Aeronautics and Space Administration has proposed cities of the future made up of domed modules, each of which covers several thousand persons and all their activities. Such "domed cities" would be free of any contaminants that now pollute our air and water. Science now is measuring time in "manoseconds" or one-thousandths of a millionth of a second. Although an interval of such duration is almost beyond human comprehension, if a man could take one step every manosecond he could walk 10 times around the globe at the equator in just ONE second. Artificial seaweed, made of plastic, is being tested as a means of retarding erosion of beaches by wind and tide.

**BITS O' BUSINESS** — February retail sales are expected to be above the January level of \$24.9 billion, largely reflecting boom business on Washington's Birthday, fast

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**NEW SUBSCRIBER** ... Mayor Albert Isen becomes one of the newest subscribers to the California Real Estate Association's Property Owners Division Bulletin. The mayor purchased his subscription from Irene Vesco (left), a local realtor, and Helen Vain, president of the Torrance-Lomita Board of Realtors Women's Council. Property owners may subscribe to the bulletin and other publications, which detail changes in law affecting property owners, for \$3 per year.

## Buick's \$1,000,000 Sweepstakes. You may have won \$2332.00 cash!

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184	2126	2564	3A64	3J65	3S43	41847	4051	4S77	543	662P	864S
21739	2183	2589	3A67	3J67	3S67	423	4062	4S62	604F	663L	864W
21747	2163	2W51	3A68	3J69	3S66	442	411	4S64	604M	616	874K
21839	2164	2W64	3A72	3K2	3M64	443	418	4I64	614C	613	884D
21847	2167	2W69	3A74	3K32	3M67	4537	413	4U72	614H	613	884T
252	2169	2Y51	3E43	3K38	3M68	45637	4157	4U74	621K	712	894L
253	2172	2Y64	3E47	3K42	3U72	45767	416	4U76	621M	754	815
254	2K32	2Y69	3A74	3K32	3M67	45637	413	4U72	614H	613	884D
2E71	PK47	31135	3E66	3K47	3Y53	4472	4J64	4W51	624B	713	8K3
2E72	2N51	31235	3E67	3K48	3Z43	4474	4K3	4W52	625C	7K3	965K
2E74	2N52	31335	3E69	3N74	3Z47	4476	4K38	4W53	626A	814F	965K
2E76	2N61	31739	3E38	3K76	3Z63	4478	4K43	4W54	628W	834P	963W
2E78	2N62	31839	3E42	3N78	3Z66	4481	4K47	4W57	632C	834W	A12
2F32	2N65	342	3F47	3P51	3Z67	4487	4K48	4W61	632W	844L	A12
2O51	2P26	343	3F53	3Z69	4482	4N60	4W62	635A	854C	8K2	
2O52	2P63	344	3I52	3P61	40837	4164	4N65	4W64	636M	854M	B12
2O61	2P64	3625	3I54	3S32	41347	4052	4N66	4Z57	636T	862D	L44
2O62	2P67	3630	3I61	3S38	41447	4053	4N68	4Z62	638K	862W	L54

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Here's how it works. Look at the first symbols (this prefix) on your vehicle identification slip. Then look at the symbols listed above. If you find yours on the list, you've taken the first step toward being a winner. Now go see your Buick dealer. He has a list of 72 winners posted in his showroom. If you see your entire vehicle identification number on the poster—the symbols plus the rest of the numbers—\$2332 cash is yours. (If your prefix isn't listed in this ad, don't give up. Your numbers may have been posted during the past few weeks. And every week there are 72 new winners posted on the showroom wall. So watch for next week's list of new symbols in this newspaper.) No afloat to invent, no puzzles to solve. In fact, you don't even have to own a Buick to have a winning number. While you're in the showroom, get a good look at the Buick Special. The \$2332.00 happens to be its price. (Manufacturer's suggested retail price for Special V-6, 240-cu-in. Power, under Federal Tax and suggested dealer delivery and handling charge.)

**Contest Rules.** Residents of Kansas, Missouri and Nebraska may, if they prefer, send in a postcard to R. L. Poik and Co., P.O. Box 1347, Detroit, Michigan 48231 and receive the weekly list of winning numbers by mail for comparison with their own vehicle identification number. An official entry form will be included. Sweepstakes limited to persons over 21 living in the continental U.S. Not valid in Florida or states where prohibited by law.

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