

Synthetic Chemical Industry In Canada Is A World Leader

By JANE BECKER
Canadian Press Staff Writer
MONTREAL (CP)—An industry born out of necessity during the first World War this year celebrates its 40th anniversary, its position secure as one of the leaders in the field of synthetic chemicals.

Shawinigan Chemicals Ltd., was founded at Shawinigan Falls, Que., in 1917 when the Royal Navy sought new sources of acetone vital in the making of certain types of explosives. The new company obtained the acetone from its supply of calcium carbide and acetylene.

The demand for acetone ended with the war, but research produced new products and enabled the company not only to survive but to expand about 10 times its original size.

BIG 1956 INCOME
Last year income from sales of its products—mainly calcium carbide, vinyl acetate and a range of polyvinyl resins—was close to \$32,000,000, or about 20 per cent of the total value of all these chemicals produced in Canada in a given year.

In an interview here, Dr. R. S. Jane, company president, described the Canadian chemical industry as one of the fastest growing in the country, with the value of its products fast approaching the \$1,000,000,000-a-year mark.

"When the acetone market ended, at the end of the First World War, we decided to put more money into finding new chemicals from the same basic elements, rather than wind up the company," Dr. Jane said.

"During the 20s our laboratories turned out one new product after another. Then, when we developed a process for making vinyl acetate, it opened up the way for a series of new synthetic resins, and plastics industry."

Shawinigan now produces be-

Among them are synthetic acetic acid, used in rayon manufacture; acetylene black, a pure form of carbon used in dry cell batteries; and a series of polyvinyl acetates and acetal resins, from which come the essential ingredients in safety glass and some forms of electrical insulation.

IN BRITAIN, U.S.
Shawinigan is a wholly-owned subsidiary of Shawinigan Water and Power.

Shawinigan sells in the United States and Britain through two subsidiaries based in those countries. It has four plants producing synthetic resins, carbides and vinyl acetate in the U.S. and Britain. The newest, a vinyl acetate plant at Hull, England, went into production late last year.

In a plea "for more equitable tariffs," Dr. Jane told a seminar in Quebec City recently that the company now had shut down its Canadian plant producing acetal resins and is supplying its Canadian market from an associated plant in Massachusetts.

"This most sound illogical to anyone not familiar with chemical marketing problems," he said. "But despite the fact that we can produce resins much more cheaply at Shawinigan Falls, the tariff—and the great differences in the sizes of the Canadian and American markets—dictate that the products be made in the U.S."

NEARING HYDRO LIMIT
OTTAWA (CP)—At the present rate of increase, Ontario will reach its limit of hydro power in 15 years and Quebec in 30 years, the Canadian standards association was told Friday.

REFLOAT ATTEMPT
HALIFAX (CP)—A second attempt to move the 7,100-ton Italian freighter Fides from a reef near Scatarie Island on Cape Breton's eastern tip was scheduled for high tide late Friday night.

Pearson Sees Grave Danger

MLAIND, Ont. (CP)—External Affairs Minister Pearson said Friday indifference is the gravest danger confronting Liberal candidates in the June 10 federal election.

He spoke at a luncheon attended by 30 Simcoe East party workers in this town 74 miles north of Toronto.

Mr. Pearson said many people assume the Liberals will win and think the loss of a few seats wouldn't matter. In fact, he added, they think it might be a good thing if the government's majority were reduced.

"But if people all over the country take that attitude we could lose more than a few seats. We could be thrown out."

He said the opposition argument that made most sense to Canadian voters — "of course, it doesn't

AMBASSADORS TO SWISS
BERN, Switzerland (Reuters)—The new ambassadors of Canada and the United States, Edmond Turcott and Henry Taylor, presented their credentials to Swiss President Hans Struelli in separate ceremonies.

PIONEER ROAD
Canada's first highway was the road between Montreal and Quebec built early in the 18th century.

make sense to us"—was that the Liberals have been in power too long, that a satisfactory parliamentary system could not continue indefinitely under one party.

Mr. Pearson said he heard this in every quarter during his cross-country tour. It is true, he said, that a political party usually runs out of steam after several terms of office; but it hadn't happened to the Liberals "and you don't pull a winning pitcher in the fifth."

CONTRACT BRIDGE

By B. Jay Becker

(Top Record-Holder in Masters' Individual Championship Play)

"AMQUS HANDS"

North dealer, North-South vulnerable.

NORTH
♠ K 6
♥ K Q 8
♦ K 10 9 7 4 3
♣ K 5

WEST EAST
♠ A J 9 7 4 3 ♠ Q 10 8 5 3
♥ J 10 9 8 7 ♥ J 10 9 8 7
♦ J 10 9 8 7 ♦ 8 7 6 5 4 3 2
♣ A 9 7 6 5 4 3 ♣ Q 8 6 3

SOUTH
♠ A 9 7 6 5 4 3
♥ A Q 5
♦ A 7 4
♣ A 7 4

The bidding:
North East South West
Konstam Sacherich Schapiro Ghestem
1 ♠ Pass 2 ♠ 3 ♠
3 ♠ 3 ♠ 4 ♠ 4 ♠
Pass Pass 5 ♠ Pass
6 ♠ Pass 7 ♠ 7 ♠
Dbl

Opening lead—king of hearts.

In the summer of 1955, representatives of thirteen European countries gathered at Amsterdam to determine the European bridge championship. After ten days of round robin play the winners turned out to be the French team, who noosed out the Italian foursome. France then went on the following January to win the world championship from an American team.

One deal from the match between France and England was packed with dynamite. The English pair, Konstam and Schapiro, arrived at their seven heart contract after Schapiro became convinced by Konstam's voluntary three heart bid and the co-operative six club bid that Konstam had exactly the right hand to make all the tricks.

Ghestem was equally convinced North-South could make the grand slam and promptly sacrificed at seven spades. He was defeated six tricks—1100 points.

It is not supposed to be an unmitigated pleasure to go down six at a seven contract, but it is even less pleasant to sit by idly while the opponents score 2,210 points for a grand slam.

When the French pair, Tresselt and Jais, held the North-South cards, the bidding went:
North East South West
Tresselt Pavides Jais Dods
1 ♠ Pass 2 ♠ 2 ♠
3 ♠ Pass 5 NT Pass
7 ♠ 7 ♠ Pass Pass
Dbl.

Again the sacrifice bid was found, though this time in a different sequence. Pavides decided to listen to what the French had to say, and having heard, and been persuaded, he made his first bid in the seven level.

Both North-South pairs might have achieved a better result if they had bid less enthusiastically and stopped at six hearts. If the six spade save now came, there would have been a better psychological chance to buy the contract at seven hearts.

When the French pair, Tresselt and Jais, held the North-South cards, the bidding went:
North East South West
Tresselt Pavides Jais Dods
1 ♠ Pass 2 ♠ 2 ♠
3 ♠ Pass 5 NT Pass
7 ♠ 7 ♠ Pass Pass
Dbl.

DAILY CROSSWORD

ACROBS

1. Coin (Turk.)
2. First man
3. Trust
4. Devoured
5. Female parents
6. Lure
7. Dry
8. Wet earth
9. Gold coin
10. Eject, as lava
11. Silk vest (seal)
12. Apple drink
13. Armed forces
14. Turf
15. Cobalt (sym.)
16. Toward
17. Purchase
18. Sesame
19. Family
20. Canal (Ger.)
21. Crowded together
22. Search
23. Boring tools
24. Wine
25. receptacle
26. Pin
27. Exclamation
28. Measure (Chin.)
29. Man's nickname
30. French cheese
31. Once more
32. Antleped animal
33. Withered
34. Earth's path
35. Finishes
36. Hammer part
37. DOWN
38. Talking bird

YESTERDAY'S ANSWER

1. Caliber
2. Mantle
3. River (Fr.)
4. Swab

DAILY CRYPTOQUOTE — Here's how to work it!

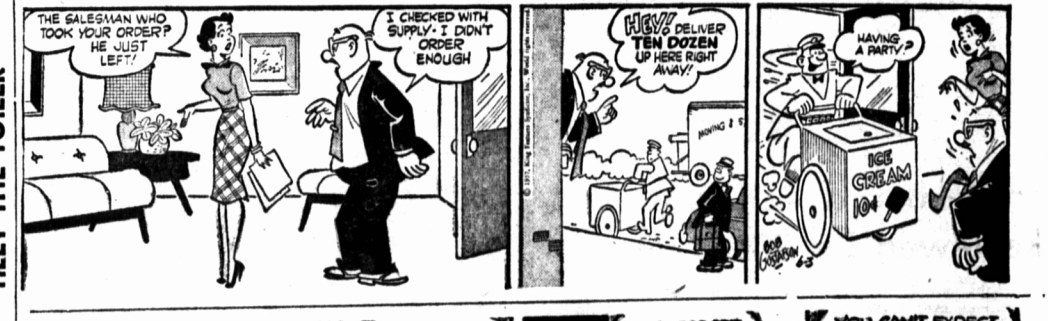
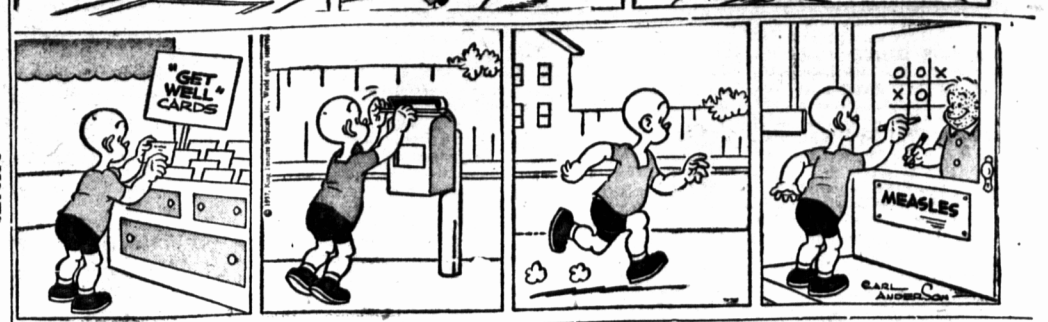
AXYBLAAXE
is LONGFELLOW

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

A Cryptogram Quotation

FDC FNW, FDC PWHG, FDC KCS.
CGKE DCNE TQHF WWS UXP NH
XQKE—WHNY FNFF.

Saturday's Cryptogram: A GOOD NAME IS RATHER TO BE CHOSEN THAN GREAT RICHES — PROVERBS.



JUNE IS FUN IN MAINE

Unrecorded beaches and highways, reasonable rates, average high temperature 72°. Enjoy Maine's Millbrook Visitor Center. You may win a Chevrolet and FREE vacation. Send for complete summer Planning Kit—Maine Vacation Guide. See 813 Gateway Circle, Portland, Me. MAINE DEPT. OF IND. & COM.

You can't go ALL-OUT

If you feel ALL-IN

These days most people work under pressure, worry more, sleep less. This strain on body and brain makes physical fitness easier to lose—harder to regain. Today's tense living, lowered resistance, overwork, worry—any of these may affect normal kidney action. When kidneys get out of order, excess acids and wastes remain in the system. Then backache, disturbed rest, that "head-out" heavy-headed feeling often follow. That's the time to take Dodd's Kidney Pills. Dodd's stimulate the kidneys to normal action. Then you feel better—sleep better—work better. Ask for Dodd's Kidney Pills at any drug counter.



Now! Skinny men, women and children in normal health may put on pounds and inches of firm solid flesh quickly, safely and easily with the remarkable new Water-On Tablets. Easy weight gains of 5 - 10 - 20 pounds reported. High in calories plus selected Vitamins, Minerals to build up needed weight. Satisfaction or money back \$3.00. Also available in Liquid. Ask your druggist today.

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LINE OF FEET LINIMENT

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MONDAY

Atlantic Daylight Time
8:45 p.m.—Afternoon Musicale
4:30 p.m.—Howdy Doodie
5:00 p.m.—In The Story Book
5:15 p.m.—Peppermint Prince
5:30 p.m.—Kiddies Kartoons
6:00 p.m.—Open House
6:30 p.m.—CFCY Television News
6:35 p.m.—Weather
6:40 p.m.—Weather
6:45 p.m.—CBC News
6:55 p.m.—Viewer's Guide
7:00 p.m.—Meet Corliss Archer
7:30 p.m.—Word In Action
8:00 p.m.—The Millionaire
8:30 p.m.—On Camera
9:00 p.m.—I Love Lucy
9:30 p.m.—Denny Vaughan
10:00 p.m.—Studio One
11:00 p.m.—CFCY Television News & Weather
11:06 p.m.—Boxing

CKCW — Moncton

Channel 2
Television Programme Schedule

MONDAY

1:30 p.m.—F.M. Concert Hall
2:25 p.m.—News
2:30 p.m.—Coffee Chatter
3:00 p.m.—At Home with Helen Crocker
4:00 p.m.—Uncle Jack At The Piano
4:15 p.m.—People and Places
4:30 p.m.—Howdy Doodie
5:00 p.m.—In The Story Book
5:15 p.m.—Peppermint Prince
5:30 p.m.—Range Rider
6:00 p.m.—The Merry-makers
6:30 p.m.—Early Evening News
6:45 p.m.—Weather
6:50 p.m.—Sports
7:00 p.m.—Political Telecast
7:05 p.m.—Westmorland Singers
7:25 p.m.—Political Telecast
7:30 p.m.—Kingdom of the Seas
8:00 p.m.—The Millionaire
8:30 p.m.—On Camera
9:00 p.m.—I Love Lucy
9:30 p.m.—Denny Vaughan Show
10:00 p.m.—Studio One
11:00 p.m.—CBC TV News
11:19 p.m.—CKCW TV News and Weather
12:15 p.m.—Billboard
12:40 p.m.—Boxing

BEDTIME STORIES

Black Pussy's Mistake

You find through life that in some way, For all mistakes you have to pay. Old Mother Nature, Black Pussy is the cat who lives at Farmer Brown's house. He is big, good-natured and well cared for. He never really has to hunt for anything to eat. He has plenty of food provided for him. But Black Pussy loves to hunt. The love of hunting is born in him. He doesn't hunt because he needs what he may catch. He hunts just for the fun of hunting. To him it is a sort of exciting game. It is like that with many hunters with guns.



At the foot of the tree Black Pussy reached up and dug his claws into the bark. Black Pussy hunts Mice mostly, but now and then he cannot resist the temptation to try to catch one of the Old Orchard folk in feathers. If Farmer Brown's boy finds Black Pussy hunting Birds he gets a scolding that he doesn't soon forget. In the nesting season he is not allowed in the Old Orchard.

But now and then when nobody

Enjoy It After Every Meal

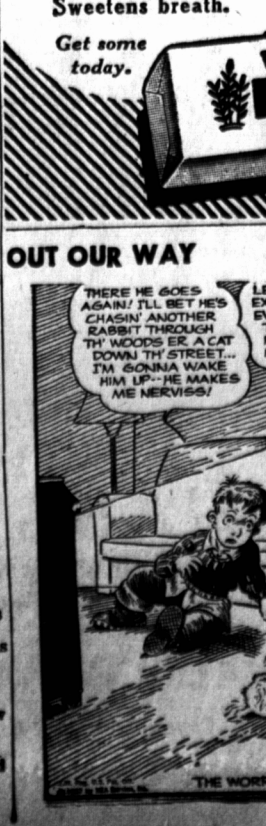
Helps keep teeth clean. Freshens mouth. Sweetens breath.

Get some today.

WRIGLEYS SPEARMINT CHEWING GUM

OUT OUR WAY

BY J. R. WILLIAMS



OUR BOARDING HOUSE

MAJOR HOOPLE



THE LONE RANGER

SECRET AGENT X-9



LIL' ABNER

SECRET AGENT X-9



GRANDMA
MICKEY MOUSE
HENRY
MUGGS & SKEETER
TILLY THE TOILER
ETTA KETT
JOE PALOOKA
SECRET AGENT X-9
THE LONE RANGER
LIL' ABNER