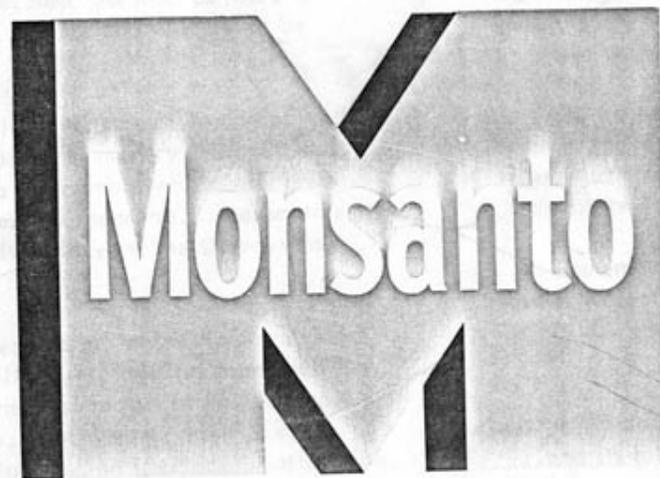


WELCOME TO INNER SPACE WITH MONSANTO
**MONSANTO AND WALT DISNEY PRODUCTIONS
PRESENT**

ADVENTURE THRU INNER SPACE



®



WELCOME TO INNER SPACE WITH MONSANTO...

Dateline Disneyland
July 17, 1955

The governor of the state of California, along with uncounted dignitaries and celebrities, crowd the 60 acres of Disneyland for its long-anticipated and much heralded grand opening. An estimated audience of 90 million people... a record at that time... are glued to their TV sets for the event.

Finally, Walt Disney dedicates Disneyland to the people of the world... promises that "As long as there is imagination left in the world, Disneyland will never be complete."

At "audience right," to the entrance of Tomorrowland, guests thrill to Monsanto's Hall of Chemistry. Disneyland... and Monsanto... inaugurate a partnership which will grow through the years. In 1957 another opening... Monsanto's House of the Future... takes its place on the Disneyland stage.

And now, 65 million guests later, a new Tomorrowland... at a cost of 22 million dollars -- 5 million more than the original 17 million dollar total cost for all of Disneyland... is ready for a world premiere. And you are here... same stage... with an impossible-to-imagine spectacular attraction.

This booklet is a brief introduction to your new role with a great American company which has been a headliner with our Disneyland show since opening day, July 17, 1955.

Monsanto is a world-wide organization of 60,000 people which is dedicated to making better products for living through the miracles of chemistry. It's a dynamic and versatile company which has chosen the 100th stage of Disneyland as a showcase for its name... its product... and its people.

You now become a host or hostess who will reflect their image of personal friendliness in an organization which is a scientific world pioneer in that "other frontier" ... inner space.

We welcome you as a member of the Monsanto/Disney team with the hope that you'll have an enjoyable and fulfilling experience hosting this exciting new attraction... "Adventure Thru Inner Space."

Remember... every day and every hour... that you now represent Monsanto... its name... its product... and its 60,000 people throughout the world.

You'll want to know about this exciting attraction... about Monsanto products... about the Monsanto organization... and its interesting history. Just turn the page... and begin....

THE UNIVERSITY OF DISNEYLAND



WALT DISNEY PRODUCTIONS AND MONSANTO PRESENT
NEW PIONEERING...THE MONSANTO-DISNEY TEAM

The legacy of modern chemistry dates back to the days of alchemy where it was roughly considered in the same class as witchcraft and sorcery.

Yet even today the average person's understanding of atoms and molecules is not much greater than what might have been learned in a compulsory high school chemistry class.

Yes...strange as it seems, our knowledge of this frontier of inner space is greatly limited even though it affects nearly every aspect of our daily lives. The romantic lure of outer space has captured the fancy of today's public, leaving the world of chemistry to pale in the excitement of moon surveyors and TV satellites.

This problem was a matter of great concern to both Dr. Charles Thomas of Monsanto Company and Walt Disney. They became obsessed with the idea of opening up this "other frontier" for the peoples of the world...and Disneyland seemed like the ideal place to meet the challenge.

Spearheaded by these two men, the brilliant minds of Monsanto were teamed up with the creative talents in education and showmanship of the Disney organization. How does one humanize the atom which can't be seen? That was the challenge.

After years of research and imagineering, "Adventure Thru Inner Space" became the answer...an attraction which entertains and educates at the same time.

There was no pattern to follow in developing this amazing show. The atom had been harnessed by man.

Now, here at Disneyland, for the first time in history, is a living experience which helps explain it...a pioneering adventure in that "other frontier."

Here's a sketch of the story in which you'll now participate.



WALT DISNEY PRODUCTIONS AND MONSANTO PRESENT... ADVENTURE THRU INNER SPACE

An unusual experience begins in the pre-show area at the moment Disneyland's guests enter the Monsanto Pavilion. To the strains of the Monsanto theme song, "Miracles from Molecules," guests will proceed toward a Mighty Microscope, the primary focal point of the attraction.

On a walk-way of Monsanto product they move past a huge electronically annotated control board that will track their progress through various phases on their journey into the vastness of inner space found within a tiny fragment of a snowflake.

Monsanto's guests will board one in an endless chain of ATOMOBILES from a platform that rotates at the exact speed as the approaching vehicles and proceed into the eye-piece of the mighty microscope.

To the people waiting to board, it appears that the Atomobiles are actually becoming smaller as they proceed along a translucent section of the tube.

A pulsing beam of light from the "objective-lens" end of the Mighty Microscope pierces a transparent sphere containing a swirling snow storm, creating the illusion that the Atomobiles have actually been reduced to the scale of a snowflake.

The sounds of the tracking crew can be heard in the background speaking in their technical jargon as they establish contact with Atomobiles penetrating into the vastness of inner space.

The show then proceeds through the following acts.

Adventure Thru Inner Space Program

- Act 1..... The Journey Into A Snowflake
- Act 2..... The Universe of the Molecule
- Act 3..... The Vastness of Inner Space
- Act 4..... The Return to Normal
- Post-Show.... Miracles from Molecules -
Product Display



ACT 1 THE JOURNEY INTO A SNOWFLAKE

As the Automobiles leave the loading platform and enter the darkness of the Mighty Microscope, they are greeted by the voice of the narrator - heard from individual speakers in each vehicle.

NARRATOR: WELCOME TO AN ADVENTURE THRU INNER SPACE... THROUGH MONSANTO'S MIGHTY MICROSCOPE YOU WILL JOURNEY INTO THE INCREDIBLE UNIVERSE FOUND WITHIN A TINY FRAGMENT OF A SNOWFLAKE.

The Automobiles appear to pass through a swirling snow storm and as they proceed through the illusion the snowflakes become larger, revealing their delicate structure.

NARRATOR: I AM THE FIRST PERSON TO MAKE THIS FABULOUS JOURNEY. SUSPENDED IN THE TIMELESSNESS OF INNER SPACE ARE THE THOUGHT WAVES OF MY FIRST IMPRESSIONS. THEY WILL BE OUR ONLY SOURCE OF CONTACT ONCE YOU PASS BEYOND THE LIMITS OF NORMAL MAGNIFICATION.....

The last word of the narrative becomes amplified and distorted and fades out. The snowflakes become gigantic geometric shapes. Now the voice of the narrator is hollow and etherialized as though it might be his thoughts suspended in time.

NARRATOR: AM I TRULY PASSING BEYOND THE MAGNIFICATION LIMITS OF EVEN THE MOST POWERFUL MICROSCOPE? CAN I BE SHRINKING BEYOND THE SMALLNESS OF A TINY SNOWFLAKE? ...SURELY IT MUST BE MY IMAGINATION.

The crystals become gigantic prisms of solid ice.

NARRATOR: AND YET - HOW IS IT THAT THIS TINY BIT OF CRYSTAL TOWERS ABOVE ME LIKE AN ENORMOUS WALL OF SOLID ICE?...INDEED I AM BECOMING SMALLER...AND...smaller.....

The towering walls of solid ice take on porous character and the Automobiles proceed into an enormous, shimmering, almost forbidding labyrinth.

NARRATOR: FROM THIS TINY VIEWPOINT I SEE THAT NOTHING IS SOLID. ALL MATTER MUST BE PENETRABLE...WHAT COMPELLING FORCE DRAWS ME INTO THIS MYSTERIOUS DARKNESS?

The shimmering crystals blend into an area of total darkness.

NARRATOR: I HAVE LOST ALL SENSE OF DIRECTION - AS THOUGH I WERE DRIFTING...CAN THIS BE THE THRESHOLD OF INNER SPACE?



ACT 2 THE UNIVERSE OF THE MOLECULE

The Automobiles enter a strange world filled with vibrating, rotating fleecy spheres. As the Automobiles proceed into the cluster, it can be seen that each unit is made up of two smaller spheres uniformly attached to a single larger one.

NARRATOR: WHAT ARE THESE STRANGE SPHERES? HAVE I REACHED THE UNIVERSE OF THE MOLECULE... YES, THESE MUST BE WATER MOLECULES - H_2O . THEY VIBRATE IN SUCH AN ORDERLY PATTERN BECAUSE THIS IS WATER FROZEN INTO THE SOLID STATE OF MATTER.

The shrinking patrons are suddenly aware of orbiting lights that form gigantic molecules.

ACT 3 THE VASTNESS OF INNER SPACE

The violent meteor shower marks the breakthrough into the universe inside the oxygen atom. The stillness inside the atom and the illusion of vastness are a marked contrast to the violent breakthrough.

NARRATOR: I AM SO INFINITELY SMALL NOW THAT THE ORBITING ELECTRONS OF THIS TINY SPECK OF A SNOWFLAKE CRYSTAL APPEAR LIKE THE MILKY WAY OF OUR OWN FAMILIAR WORLD.

A rotation of the Automobiles reveals the mysterious throbbing NUCLEUS.

NARRATOR: I SEE, NOW THAT IT IS THE ORBITING ELECTRONS THAT GIVE THE ATOM ITS FUZZY APPEARANCE... AND STILL I CONTINUE TO SHRINK UNTIL I AM ABLE TO PIERCE THE WALL OF THIS OXYGEN ATOM.

The music builds to a great crescendo as the Automobiles proceed through a shower of orbiting smears of color.

NARRATOR: ELECTRONS ARE DASHING ABOUT ME LIKE SO MANY FIREY COMETS... CAN I POSSIBLY SURVIVE?

NARRATOR: AND THERE IS THE NUCLEUS... (thump - thump - thump)... DO I DARE ENTER THE UNKNOWN VASTNESS OF ITS INNER SPACE?... NO. IT IS BETTER THAT I RETURN TO THE REALM OF THE MOLECULE BEFORE I AM TEMPTED TO GO ON SHRINKING - FOREVER.

The Automobiles proceed through an abbreviated version of the breakthrough effects and emerge again into the world of the molecule.



ACT 4 THE RETURN TO NORMAL

The journey into the Atom completed, the remaining few seconds are devoted to a quick return to normal. The vibrating H₂O molecules of Act 2 are now fluid tumbling water molecules that blend into bubbles.

NARRATOR: HMMMM...HOW STRANGE - THE MOLECULES ARE SO ACTIVE NOW. THAT CAN ONLY MEAN THAT THE SNOWFLAKE IS BEGINNING TO MELT...

The reverberated voices of the Tracking Crew interrupt with the narrative with a note of urgency.

TRACKING CREW: CC: SNOWFLAKE MELTING - STAND BY FOR REENTRY! C: M-SCOPE COUNTING...MINUS TEN MILLION - NINE MILLION - EIGHT...

The shadowy form of a huge optical instrument can be seen through the water molecule and bubble effects. As the Automobiles pass beneath it the patrons see a huge animated eye looking down at them.

TRACKING CREW: CC: ATOMOBILES BACK ON VISUAL...CONTINUE REENTRY PROCEDURE. C: OCULOSCOPE SCANNING. C: THERMOTAXIS AFFIRMATIVE. C: ALL PHASES NORMAL.

The Monsanto musical theme builds to a bubbly finale as the Automobiles proceed to the show exit and enter the Product Display area and approach the unloading platform.

NARRATOR (NORMAL): WELCOME BACK TO OUR FAMILIAR WORLD OF COMFORT AND CONVENIENCE - MADE POSSIBLE THROUGH MIRACLES FROM MOLECULES. IN OUR DISPLAY AREA, YOU WILL SEE MODERN MIRACLES CREATED BY REARRANGING THE MOLECULES OF NOT ONLY WATER, BUT OF THE AIR...COAL...PETROLEUM AND MANY OTHER RAW MATERIALS...THIS IS MONSANTO TODAY.

NEW VOICE (IN UNLOADING AREA): LADIES AND GENTLEMEN - WELCOME TO MIRACLES FROM MOLECULES. PLEASE WATCH YOUR STEP AS YOU EXIT FROM THE ATOMOBILE. DISNEYLAND GUESTS EXIT FROM ATOMOBILE TO ENTER THE PRODUCT DISPLAY AREA, MIRACLES FROM MOLECULES.



THE MONSANTO STORY SANTO

Monsanto was founded in 1901 by John F. Queeny, a successful drug executive who was convinced that saccharin, a super-sweetener then made only in Germany, could be manufactured profitably in this country. With his savings augmented by capital invested by others, Queeny launched Monsanto in St. Louis shortly after the turn of the century, naming the company for his wife, Olga Monsanto Queeny.

The American chemical industry as it is known today was born during the first 20 years of this century. During World War I, the need for a strong and diversified domestic chemical industry dramatized when European shipments of finished and intermediate chemicals were cut off from the United States. Monsanto helped lead the way and set the standards as the industry grew from an insignificant segment of the American economy to one of its indispensable components.

During Monsanto's first 20 years, organic chemicals such as caffeine, vanillin, phenolphthalein, and aspirin were added to a growing list of products.

From 1920 to 1940, the company expanded its product line into new fields of chemistry and added manufacturing facilities at several locations in the United States and abroad.

Heavy chemicals, the bedrock of innumerable manufacturing processes, were added to the product catalogue along with phosphorus-based compounds, both of which formed the nucleus of the present Inorganic Chemicals Division.

In 1938, the company began production of a broad range of plastics raw materials. The research effort of Monsanto, too, received increased emphasis during the prewar period with the establishment of Monsanto's Central Research Department in Dayton, Ohio.

Abroad, Monsanto in 1920 invested its saccharin technology in an English venture which now is known as Monsanto Chemicals Limited and in the same decade invested in an Australian company, the forerunner of Monsanto Chemicals (Australia) Limited.



A CAPSULE VIEW OF MONSANTO

An Important Wartime Role

During World War II, Monsanto operated a number of facilities for the government. Included in these were the Longhorn Ordnance Works in Marshall, Texas; a styrene plant in Texas City, Texas; Clinton National Laboratories in Oak Ridge, Tennessee, and units 2, 3 and 4 in Dayton, Ohio. These three facilities were vital units in the development of the atomic bomb.

In 1944, Monsanto further broadened its product interests to include the manufacture of plywood adhesives and wood preservatives in Seattle, Washington. In 1948, Monsanto began operating the newly built Mound Laboratory in Miamisburg, Ohio, for the Atomic Energy Commission.

A Principal Fiber Producer

The formation of the Chemstrand Corporation in 1949 marked Monsanto's entry into the field of man-made fibers. The development and manufacture of Acrilan acrylic fiber and the production of Blue "C" nylon and polyester yarns have brought this division of Monsanto to the forefront in the field of chemical fibers...now known as the Textile Division.

The Lion Oil Company Division was formed in 1955, giving Monsanto a necessary foothold in the field of petroleum, the raw material for many Monsanto products.

In 1957, Monsanto expanded its plastics blownware field. The subsequent growth of this industry led to the formation in 1963 of the Packaging Division which now produced a broad line of plastic containers and oriented polystyrene sheeting.

Monsanto Research Corporation was formed in 1960 as a wholly owned subsidiary to manage all Monsanto research and development programs for agencies of the federal government. Its major research laboratories are located in Boston, Massachusetts; Dayton, Ohio, and Miamisburg, Ohio.



MONSANTO'S ORGANIZATION

Monsanto is organized on a decentralized line-and-staff basis with authority and responsibility delegated as much as possible to permit rapid adaption to changing situations.

The company's principal offices are in Creve Coeur, St. Louis County, Missouri. Monsanto moved to this location in 1957 from offices at the company's original plant site near the St. Louis riverfront. Located on the same 290-acre site is the company's Research Center, including research laboratories of its Agricultural Division and its Inorganic Chemicals Division. An Engineering Building was completed in 1965 to house company engineers from around the nation.

Monsanto's Divisions

AGRICULTURAL DIVISION: Animal feed supplements, fertilizer materials, fungicides, herbicides, insecticides, and blasting materials.

TEXTILES DIVISION: Acrylic, nylon, polyester, and spandex fibers.

HYDROCARBONS & POLYMERS DIVISION: Plastics, chemical monomers, petrochemicals, petroleum products, crude oil and natural gas.

INORGANIC CHEMICALS DIVISION: Detergent chemicals, electronic chemicals, heavy chemicals and industrial and food-grade phosphates.

ORGANIC CHEMICALS DIVISION: Food ingredients, functional fluids, intermediates, paper chemicals, petroleum additives, pharmaceuticals, plasticizers, resin materials, rubber chemicals, and wood preservatives.

PACKAGING DIVISION: Plastic bottles, disposable plastic vending cups and formed containers and plastic film and sheet.

PLASTIC PRODUCTS & RESINS DIVISIONS: Resins for forest products, surface coatings, industrial applications, textile and adhesives applications, vinyl butyral film for laminated safety glass, plastic consumer and industrial products including polyethylene sheeting, bags, liners and vinyl panels, siding, gutters and downspouts and other building products.

INTERNATIONAL DIVISION: This division monitors the company's manufacturing and marketing activities outside the United States in conjunction with the operating divisions.



MONSANTO'S WORLD-WIDE INTERESTS

Monsanto Company is the third largest chemical company in the United States and the fifth largest in the world. In terms of sales and assets, it is the nation's 33rd largest industrial company.

The consolidated assets of Monsanto passed the billion dollar mark in 1960, and consolidated sales exceeded that figure for the first time in 1962. In 1965 the consolidated assets and sales of Monsanto were, respectively, \$1,784 million and \$1,468 million.

The company has 43 plants and 10 laboratories in the United States, manufacturing interests in 21 countries, including the United States, and sales offices in the principle cities of the Free World.

Monsanto employs more than 56,000 people world-wide of whom approximately 43,000 are located in the United States. More than 93,000 shareowners hold nearly 32 million shares of Monsanto stock.

Monsanto's product line, which began with one product, saccharin, now includes more than a thousand chemical, fiber, plastic and petroleum products. Through this broad product mix, Monsanto serves every industry.

Typical Industries Served By Monsanto

CHINA	Chemical
CHINA	Chemical
VENEZUELA	Stone, glass and vitreous products
MEXICO	Iron, steel and related products
EUROPE and NORTH AMERICA	Building and construction
EUROPE and NORTH AMERICA	Soap and detergent
BELGIUM	Lumber and timber
Monsanto Europe	Paper and printing
FRANCE	Color and dyestuff
Societe Monsanto	Plastics and resins
ISRAEL	Paint and varnish
Israeli Chemicals	Pharmaceutical
ITALY	Transportation
Application of Chemicals	Agriculture
BURUNDI	Appliances
Monsanto Chemicals	Packaging
SPAIN	Electronic
Avonit S.A.	Explosives
UNITED KINGDOM	Petroleum
Chemical and Light	Adhesives
Small United	Leather
Monsanto Chemicals	Textile
Polymer Fibers	Rubber
USA and Australia	Metal
AUSTRIA	Food
Australian Producers	
Monsanto Chemicals (Australia)	
INDIA	
Monsanto Chemicals (India) Company	
Monsanto Chemicals (India) Company	



MONSANTO'S WORLD-WIDE INTERESTS

This list of Monsanto's principal equities gives some indication of the scope and diversity of the company's international operations.

North America:

UNITED STATES

Chemstrand Research Center Inc.
Fabric Services Inc.
Filtered Rosin Products Company
Leonard Construction Company
Mobay Chemical Company
Monsanto Export Company
Monsanto International Finance Company
Monsanto Research Corporation
Polythane Corporation
Wood Treating Chemicals Co.

CANADA

Monsanto Canada Limited
Plax Canada Limited

MEXICO

Monsanto Mexicana S.A.

Central and South America:

ARGENTINA

Monsanto Argentina S.A.I.C.

COLOMBIA

Fabrica de Hilszas Vanylon S.A.

PANAMA

Monsanto Overseas S.A.

PUERTO RICO

Chemstrand Overseas S.A.

VENEZUELA

Monsanto Venezuela Inc.

Europe and Middle East:

BELGIUM

Monsanto Europe S.A.

FRANCE

Societe Monsanto

ISRAEL

Israeli Chemical Fibres Limited

ITALY

Applicazioni Chimiche Societa Per Azioni

LUXEMBOURG

Monsanto Cie S.A.

SPAIN

Aiscondel S.A.

UNITED KINGDOM

Chemstrand Limited
Lansil Limited
Monsanto Chemicals Limited
Polythane Fibres Limited

Asia and Australia:

AUSTRALIA

Australian Petrochemicals Limited
Monsanto Chemicals (Australia) Limited

JAPAN

Mitsubishi Monsanto Chemical Company
Mitsubishi Vonnel Company Limited



INTO ANOTHER DIMENSION...

Monsanto's participation in international commerce and trade is further revealed in this listing of companies engaged in various activities on a more modest scale than those listed on previous page. Omitted entirely are more than 100 sales agencies representing Monsanto in most parts of the world.

Chemstrand International S.A. - Switzerland
Helen Harper Inc. - United States
Monoil UK, Inc. - United Kingdom
Monsanto (Agricola) S.A. - Nicaragua
Monsanto Chemicals of India Private Limited - India
Monsanto Chile Comercial e Industrial Limitada -
Chile

Monsanto Comercio e Industria Limitada - Brazil
Monsanto (Deutschland) GmbH - West Germany
Monsanto (El Salvador) S.A. - El Salvador
Monsanto Far East Limited - Hong Kong
Monsanto (Guatemala) S.A. - Guatemala
Monsanto International Engineering Company -
United Kingdom
Monsanto Japan Limited - Japan
Monsanto (Nicaragua) S.A. - Nicaragua
Monsanto Oils Ltd. - Canada
Monsanto Research S.A. - Switzerland
Monsanto (Venezuela) C.A. - Venezuela
Plax A.G. - Switzerland
Sidaplast S.A. - Belgium



INTO ANOTHER DIMENSION...

MONSANTO AND WALT DISNEY PRODUCTIONS
PRESENT

ADVENTURE THRU INNER SPACE

We hope that we've given you an idea of the vast importance of chemistry in our everyday lives...of the role that Monsanto has played in developing new products and materials for better living...and finally of the part that you will play in opening up the mysterious realm of inner space for the peoples of the world.

As you go on stage remember that you are a personal representative of 60,000 Monsanto employees around the world. To our many Disneyland guests you are Monsanto...they will expect you to answer questions of many types regarding Monsanto Company and their products.

Yes...your challenge is a dual role...a member of the Disneyland cast, and an equally important member of the Monsanto family. Good luck in your new role as you bring our guests into another dimension...a fascinating "Adventure Thru Inner Space."