In St. Joseph Aspirin For Children

THE BITTER TASTE
IS TRULY CONCEALED

Commenting on the unique palatability of St. Joseph Aspirin For Children, a physician writes:

"Yours is the only children's aspirin I have found in which the bitter taste is truly concealed."

Besides their unsurpassed palatability, St. Joseph Aspirin For Children eliminates the need for cutting or breaking tablets to obtain accurate dosage. Easily powdered for infant administration, disintegrating quickly, the delightful orange flavor and smooth creamy texture of these specialized aspirin tablets permit their being administered in any one of four different ways: (1) placed on tongue, mixes with saliva, (2) chewed, (3) swallowed, (4) in a tablespoonful of water.

Each tablet contains 1/4 grains of pure, highest quality aspirin.

ST. JOSEPH ASPIRIN FOR CHILDREN
The Palatable Aspirin Tablets of Unique Excellence

Plough, Inc. (If you have not yet received samples, address your request to MEDICAL DIRECTOR, Plough, Inc., Memphis, Tenn.)

MEMPHIS, TENNESSEE

In answering advertisements please mention PEDIATRICS.
Sensitivity to soap . . . acute vesiculating skin diseases . . . active hyperemia of the skin . . . contact dermatitis . . . infantile eczema—these are only a few of the conditions where your advice to the patient is frequently "No Soap".

**DERMOLATE**

. . . This new non-irritating lathering cake detergent suggests a superior alternate. Hypoallergenic, milder than the mildest castile, Dermolate may be used on all skins . . . is especially suitable for infants. 4 oz. cakes, boxes of 3.

**ACIDOLATE**

. . . When a non-lathering liquid soapless detergent may be preferred, such as in infantile eczema, as a shampoo in ringworm of the scalp, and to facilitate removal of scales and crusts. Preferable to Dermolate in acne vulgaris and oily skin. 8 oz. and gallon bottles.

**TERJOLATE**

. . . The soapless all-around household detergent which may be used by patients for washing dishes, pans, glassware, laundry, etc. Cleans faster than soap and with less effort. One teaspoonful to a gallon of water usually suffices. 8 oz. and pint bottles.

P.S.: Acidolate, used undiluted, thoroughly and rapidly cleanses oily syringes.  

**Acidolate**—Reg. U. S. Pat. Off. and Canada  
**Dermolate**®; **Terjolate**—Trademark

**RARE-GALEN, INC.**  
formerly Rare Chemicals, Inc. and Galen Company  
HARRISON, NEW JERSEY - RICHMOND, CALIFORNIA

*In answering advertisements please mention PEDIATRICS.*

xviii
An excellent prescription vehicle . . . White’s Multi-Beta Liquid provides generous amounts of the B vitamins in small dosage volume.

One teaspoonful daily of White’s Multi-Beta Liquid provides full adult supplementation; five drops daily raises the average infant intake of all clinically important vitamin B factors to a nutritionally safe range.

White’s Multi-Beta Liquid is a notably stable, non-alcoholic, pleasant tasting liquid. Freely soluble in milk mixtures and orange juice. Palatable when taken directly.

White Laboratories, Inc., Pharmaceutical Manufacturers, Newark 7, N. J.
A NEW TREATMENT FOR AMMONIACAL DERMATITIS

*MaroC* Diaper Powder is a "theoretically" completely effective treatment for ammoniacal dermatitis, resultant rash and ulceration. Actually some infants on high-protein diets will show only intermittent effectiveness. If sodium citrate is added to diet occasionally, effectiveness will be restored. Excessive soap on skin or in diaper will also reduce effectiveness.

*MaroC* is to be rubbed into the dry diaper in sufficient quantity to maintain a constant solution. Easy to use.

*MaroC* is composed of Benzalkonium Chloride 0.5% in a Talc-Kaolin Base. There is no known toxic reaction to *MaroC* when ingested. Local reactions are infrequent and inconsequential.

*Trial Packages* and samples will be furnished on request

*MAROC COMPANY*
BOX 590
OAK PARK, ILLINOIS
FOR PATIENTS JUST OUT OF THE "DROP-DOSE" STAGE...

VITASIRUP

Stimulates appetite • Provides blood-building elements • Deliciously strawberry flavored

Each teaspoonful (5 cc.) supplies:

- Thiamine Hydrochloride ........... 2.0 mg.
- Riboflavin ................................ 0.25 mg.
- Niacinamide ............................. 6.0 mg.
- Folic Acid ............................... 0.10 mg.
- Sodium Hypophosphite ............ 65.0 mg.
- Potassium Hypophosphite .......... 65.0 mg.
- Manganese Hypophosphite ......... 10.0 mg.
- Cobaltous Chloride ................... 2.0 mg.
- Ferrous Gluconate .................... 20.0 mg.

In a syrup base containing dextrose, glycerine, and strawberry flavoring.

SUPPORTED: Bottles containing 4 fl. oz.; available through prescription pharmacies.

Walker
VITAMIN PRODUCTS, INC.
MOUNT VERNON
NEW YORK

In answering advertisements please mention Pediatrics.
now.. for the more more

higher salicylate blood levels for
rheumatic child

effective therapy in acceptable form

MORE EFFECTIVE THERAPY... since Pabalate supplies not only salicylate, but also the antirheumatic para-aminobenzoic acid, which acts (like a booster) to step up blood salicylate concentrations to those high levels so essential for real clinical efficacy. The salicylate, in turn, increases the blood levels of the para-aminobenzoic acid.

MORE ACCEPTABLE FORM... since Pabalate is available not only in Tablet form, but also as Pabalate Liquid, a chocolate flavored medication with a high degree of pharmaceutical elegance - appealing to the taste, and readily acceptable by even squeamish pediatric patients.

For better results, prescribe Pabalate — the "new word for salicylate" in antirheumatic therapy. Also valuable in analgesic or antipyretic therapy, in place of difficult salicylate tablet medication.

FORMULA: Each enteric coated tablet or each teaspoonful contains Sodium Salicylate, U. S. P. (5 gr.) 0.3 Gm.; Para-aminobenzoate Acid (as the sodium salt), (5 gr.), 0.3 Gm.

INDICATIONS: For the treatment of acute rheumatic fever or other rheumatic diseases in children, and as a replacement for salicylate tablet therapy.

A. H. ROBINS CO., INC. • RICHMOND 20, VA.

Ethical Pharmaceuticals of Merit since 1878


For treatment of rheumatic affections

Pabalate
Essential vitamins for infants and children

Stable... There is no significant loss of potency of any of the vitamins on prolonged storage at room temperature. The vitamin A is in the stable form of distilled natural esters.

Pleasant-tasting... Dapta mixes readily and tastily with milk or other fluids, cooked cereals, purees, puddings, bouillons.

Readily absorbed... The Dapta vehicle is nonoily. The oil-soluble vitamins are in emulsified form, easily absorbed from the aqueous medium of the intestine.

DAPTA
Multivitamin Preparation for Infants and Children. Available in bottles of 15 cc. with graduated dropper.

Wyeth Incorporated • Philadelphia 3, Pa.
EFFECT OF MEAT IN THE DIET OF A LARGE GROUP OF INSTITUTIONALIZED CHILDREN

This study was established to investigate the effects of including Swift's Strained Meat in the infants' diet for periods of at least a year in length. Numerous observations have been made and the results are being tabulated to obtain information on the relationship of dietary meat to growth, blood composition, incidence and severity of infections, and general well-being of infants.

This study is part of an extensive clinical research program now being conducted through grants-in-aid made by Swift & Company.

Baby's limited capacity demands that foods in his diet be qualitatively and quantitatively high in essential nutrients. Meat is such a food. That's why so many doctors recommend a daily serving of Swift's Meats for Babies early in life.

**Excellent Protein Source**
All Swift's Meats for Babies offer an excellent source of complete, high-quality proteins, B vitamins and iron. These nutrients are all required by infants in optimum amounts every day.

**Six Meats for Variety**
To help establish nutritionally sound eating habits, Swift offers a complete variety—in either Strained or Diced form—beef, lamb, pork, veal, liver, heart. All six, 100% meat, are trimmed to reduce fat content to a minimum. All are carefully cooked, ready to serve.

3½ ounces, approximately 100 gm. per can. All approximate percentage figures above based on Recommended Dietary Allowances of National Research Council for an infant under one year, except figure for phosphorus, which is based on U. S. Food and Drug Minimum Daily Requirement for a one-year-old baby. Note: Protein percentage applies for infant under one year weighing 22 pounds. The above figures will necessarily vary according to natural variances in meat.

All nutritional statements made in this advertisement are accepted by the Council on Foods and Nutrition of the American Medical Association.
On Sale at Drug and Grocery Stores

Ideal for infant feeding...

Kanana
BANANA FLAKES

(Not a powder)
Why Kanana Banana Flakes should be advised for Infant Feeding

Leading pediatricians and physicians recognize that babies thrive on Kanana Banana Flakes.

1 Provides All the Food Values Infants Need, in Addition to Milk
Kanana Banana Flakes contains all the natural banana carbohydrates so readily converted to the sugars babies need for growth and development. It is rich in mineral content, and, unlike other processed foods, the vitamin C content is at least 36 milligrams/100 grams.

2 Easily Assimilated and Eliminated by Infants' Sensitive Digestive Tracts
The residue of Kanana Banana Flakes is low. The food values are easily and quickly absorbed and well utilized, because the fruit, at its nutritional peak, is dehydrated rapidly by the drum process — to produce flakes of uniform consistency — with cells broken down into easily digested particles.

3 Causes No Reaction in Infants Allergic to Raw Bananas—Specific in Some Cases of Infantile Diarrhea and Celiac Syndrome
Some infants are allergic to raw bananas — but almost all infants are able to tolerate Kanana Banana Flakes with no allergic reactions. Kanana Banana Flakes has proved its value in the management and prompt treatment of Infantile Diarrhea and Celiac Syndrome.

4 Easy, Convenient for Mothers to Use
Kanana Banana Flakes mixed with water, milk or formula, goes into a stable suspension that passes readily through any slightly enlarged nipple opening. It is easy and convenient for Mothers to use from formula days to the time the child is eating Kanana Banana Flakes as a wholesome dessert.

5 Always Available at Peak of Perfection
You can always recommend Kanana Banana Flakes. There's no waiting for ripening, no waste through spoiling. Kanana Banana Flakes is always uniform nutritionally, and cheaper than raw fruit. Every 5½ oz. can contains the equivalent of 20 six inch sun-ripened bananas.

6 Insures Infants' Ready Acceptance of Change to Spoon Feeding
Because quantities of Kanana Banana Flakes may be increased gradually in the formula, transition to spoon feeding is easily accomplished. Kanana Banana Flakes is palatable even to adults, eliminating a feeling of repugnance by mothers, so often unwittingly transferred to babies.

Baby's first solid food
Kanana Banana Flakes mixed with milk and even with water in any proportion provides a bland, highly nutritious, well tolerated and immediately acceptable mixture.

FREE SAMPLES
Fill out and mail this coupon today to Kannengiesser & Company, Department P, 76 Ninth Avenue, New York 11, N.Y. for content analysis and free samples of Kanana Banana Flakes.

NAME
ADDRESS
CITY
ZONE
STATE
KANNENGIESSER & COMPANY, 76 NINTH AVENUE, NEW YORK 11, N.Y.
Distributed in Canada by Laurentian Agencies, 429 St. Jean Baptiste Street, Montreal, Canada
Widespread clinical experience has established Cartose as a valuable modifier of milk in any form. Cartose contains a mixture of carbohydrates—dextrins, maltose and dextrose—each having a different rate of assimilation.

Added to the infant's formula, Cartose assures a steady absorption of carbohydrate with a corresponding low rate of fermentation and low incidence of digestive disturbances.

**Milk Diffusible Vitamin D₂**

**DRISDOL®**

**IN PROPYLENE GLYCEROL**

Sterile clear solution of pure crystalline vitamin D₂—10,000 units per gram. Bottles of 5 cc., 10 cc. and 50 cc.

**DRISDOL®**

with **VITAMIN A**

Now also milk diffusible

10,000 units of vitamin D, 50,000 units of vitamin A per gram. Bottles of 10 cc. and 50 cc.

In answering advertisements please mention PEDIATRICS.
AMMORID® provides a convenient and effective means of preventing or eliminating ammonia dermatitis. The laundered diaper is simply soaked for a few minutes in a water solution of AMMORID and allowed to dry before use.

**ANTIBACTERIAL AGENT**

**plus**

**DE-IONIZING AGENT**

AMMORID contains a quaternary ammonium salt (di-isobutyl cresoxy ethoxy dimethyl benzyl ammonium chloride monohydrate) shown to be highly active against the organisms chiefly responsible for ammonia formation and napkin dermatitis.¹

AMMORID is effective in hard as well as soft water because it also contains a de-ionizing agent (the disodium salt of ethylenediamine tetra acetic acid) which—

1. acts to solubilize soap residues by de-ionizing calcium, magnesium, and other ions producing hardness . . . eliminates possible soap dermatitis and inactivation of the antiseptic agent.

2. softens the texture of the diaper . . . minimizes the possibility of chafing . . . increases the infant's comfort.

SUPPLIED: Bottles containing 240 Gm. of the dry powder—sufficient to impregnate 360 diapers.

*Literature and Samples on Request*

**AMMORID TRADEMARK Diaper Rinse**

KINNEY & COMPANY Prescription Products COLUMBUS, INDIANA

¹Trademark of Kinney & Company.

In answering advertisements please mention PEDIATRICS.

xxix
To Simplify Short Anesthesias

with rapid induction . . .
prompt, quiet recovery . . .
low incidence of nausea . . .

VINETHENE is a preferred inhalation anesthetic for use in operations of short duration, for induction prior to ether anesthesia, and for complementing nitrous oxide-oxygen.

Especially valuable in:
- Reduction of fractures
- Manipulation of joints
- Dilation and curettage
- Myringotomy
- Changing of painful dressings
- Abscess incision and drainage
- Tonsillectomy
- Extraction of teeth

Literature will be mailed upon request.

Vinethene®
(VINYL ETHER FOR ANESTHESIA U. S. P. MERCK)
An Inhalation Anesthetic for Short Operative Procedures

In answering advertisements please mention PEDIATRICS.

xxx
THERE'S A WORLD OF COMFORT IN LITTLE THINGS BY DAVOL!

Making infant rubber accessories is only one of the many (and most satisfying!) things we do. Fine materials and workmanship, great skill and care and our more than 75 years of experience go into every rubber sundry, no matter how tiny it is.

Here are just a few Davol specialties—all designed to meet the specifications and standards of the medical profession.

- "ANTI-COLIC" NURSING BOTTLE CAP. Amber rubber with patented pull-tab. Convenient. Easy to use.
- To take care of pint-size aches and pains—INFANT HOT WATER BOTTLE . . . Pint-size.
- Famous ANTI-COLIC BRAND NIPPLES in two popular types, "Sani-Tab" and Dual-Purpose.
- UMBILICAL BELT—made with Davol skill. Amber "Pure-gum."
- BREAST SHIELD—scientifically designed; made of amber rubber.
- INFANT TRUSS in English pattern. Single and double. Made of amber "Pure-gum."

In answering advertisements please mention PEDIATRICS.
from head to toe

CEREVIM-fed children showed greater clinical improvement, in the following nutrition-influenced categories, than children fed on ordinary unfortified cereal or no cereal at all:

- hair lustre
- recession of corneal invasion
- retardation of cavities
- condition of gums
- condition of teeth
- skin color
- skeletal maturity
- skeletal mineralization
- "blood plasma vitamin A increase"
- "blood plasma vitamin C increase"
- subcutaneous tissues
- dermatologic state
- urinary riboflavin output
- musculature
- plantar contact

Here's why: CEREVIM is not just a cereal.

Much more: CEREVIM provides 8 natural foods: whole wheat meal, oatmeal, milk protein, wheat germ, corn meal, barley, Brewers' dried yeast and malt — PLUS added vitamins and minerals.

CEREVIM

CEREALS + VITAMINS + MINERALS


* Cerevim contains neither vitamin A nor C, but apparently exercises an A-and-C sparing effect attributed to its high content of predigested protein and major B vitamins.

SIMILAC DIVISION M & R DIETETIC LABORATORIES, Columbus 16, Ohio

In answering advertisements please mention Pediatrics.
Baby Breck Lavo

For Washing Babies

Baby Breck Lavo is a mild, liquid soap for baby's bath or shampoo. Use of Baby Breck Lavo will help eliminate the necessity of after bath oils. Lightly scented Baby Breck Lavo is applied to a baby's skin with the palm of the hand or with a soft cloth.

4 oz. bottle 60¢

16 oz. bottle $1.75
Natural vitamins A and D at a penny a day in drop-dosage for infants, or pleasantly-flavored tablets for older children. Vitamin D wholly derived from cod liver oil, vitamin A adjusted and standardized with fish liver oils. White Laboratories, Inc.

White's Cod Liver Oil Concentrate

LIQUID • TABLETS
OUR PLANNING SERVICE is available to aid you in establishing an approved technique and in the planning of a modern installation best suited to your available facilities.

SAFE MILK FORMULA PROCEDURES

Based upon the many years devoted by our Research and Technical Staffs to the development of techniques and equipment designed to insure the efficient preparation of infants' formulas, "American" strongly recommends the NON-PRESSURE method of terminal heat treatment because of its safety features and mechanical simplicity.

Functionally, American equipment is readily adaptable to all approved techniques...whether a non-pressure or pressure method is preferred by the hospital.

FACTS ON THIS TIMELY SUBJECT are thoroughly evaluated in the new edition of "The American Milk Formula Laboratory Service," a comprehensive volume incorporating the most recent recommendations of authoritative groups relating to the establishment of safe milk formula procedures in the hospital—WRITE FOR YOUR COPY TODAY.

AMERICAN STERILIZER COMPANY
ERIE, PENNSYLVANIA

In answering advertisements please mention PEDIATRICS.

XXXV
a Sweet Way to solve the problem of ...

No need to break or crush the conventional aspirin tablet; no need to resort to sweetening agents to disguise the acrid taste; no balking on the part of the little patient. Small, precise doses of aspirin can be administered in tempting, easy-to-take fashion with Aspirin Dulcet Tablets. These tiny cubes look, taste and smell like sugar candy, but they are more than that. They are medication with scientifically measured quantities of acetylsalicylic acid. Children take them, like them and at the same time derive the benefit of the exact amount of drug you prescribe. Two convenient sizes: 2½-gr. Aspirin Dulcet Tablets in bottles of 80; 1-gr. tablets in bottles of 50, 100 and 250. 

Specify Aspirin Dulcet® tablets

(Acetylsalicylic Acid, Abbott)

*Medicated Sugar Tablets, Abbott

In answering advertisements please mention Pediatrics.

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REGARDLESS of the many other considerations involved, only a well-nourished baby can be a happy baby. To this end, Libby's Baby Foods can contribute considerably. Homogenized by an exclusive process, Libby's are modified so that cellulose cell capsules are ruptured and nutrients are dispersed homogeneously through the food mass.

Nutrient availability is enhanced and texture is changed to such satiny-smoothness that Libby's Baby Foods have been fed as early as the sixth week of life. Thus the infant is provided with the many valuable nutrients contained in the wide variety of infant foods made available by Libby.

In answering advertisements please mention PEDIATRICS.
PREPARATION OF MANUSCRIPTS

MANUSCRIPTS should be prepared in customary form: (1) Use standard, white, 8½"x11" paper. (2) Type clearly, double or triple spaced, on one side of the paper only. (3) Leave reasonably wide margins. (4) Leave pages consecutively. (5) Do not staple or fold. (6) Titles should be concise and clear; and subtitles should be used only when necessary to indicate a sequence of papers. Key words in titles must conform to the terminology of the Quarterly Cumulative Index Medicus and the Standard Nomenclature of Diseases and Operations for accurate indexing. (7) Give author's full name (or names) and academic or professional titles, as well as the principal author's address, which will be published. The given names of women authors should be spelled out in full. (8) Include as a footnote the name of the institution where the work was done. (9) If the paper has been read in whole or in part in public, supply complete information so that proper credit may be given in a page one footnote. (10) Number references consecutively throughout the paper, and include the author's name in the text. A complete bibliography must be typed on separate, numbered sheets, and must conform exactly to the style of the Quarterly Cumulative Index Medicus giving the author's name, initials (including full given name to distinguish women and names commonly duplicated), full titles, the abbreviated name of the journal, volume number, first page, and the year. References to books, monographs and pamphlets should indicate the author, the title, the name and city of the publisher, the year of publication, edition, and the page number of the reference. References will be listed in order by number from the text—not alphabetically.

The author's own style will be followed, but all mathematical terms, formulae, abbreviations, units and measurements must conform to accepted standards. The names of chemical compounds—not formulae—should be used. The metric system will be used unless an author from a foreign country specifically requests the terminology used customarily in that country, when it will be given in parentheses. Proprietary names of substances will be used in parentheses. All conversions to accepted standards and terms must be made by the author before the manuscript is submitted, and the Editor reserves the right to reject the manuscript if conversions are not complete.

Manuscripts should include: (1) an introduction containing a clear statement of the purpose of the paper; (2) an historical review when desirable; (3) a description of technic employed and the scope of the experiments or observations (When procedures are used which have been published previously, only reference to—not a re-description of—the original should be given); (4) a full presentation of the results obtained and the significance of the information derived therefrom; (5) a brief discussion of the findings and a correlation of those findings with those of other workers, if any; (6) a summary or conclusion should be a condensed, logical résumé of the work which the author wishes placed on permanent record. Manuscripts may be any length, but those of extra length may be published serially in the same volume by special arrangement.

Galley proofs will be sent to the principal author from the printer to be returned to the Editor-in-Chief when corrections are completed. If extensive changes or revisions are made on galley proof, there will be extra charges from the printer. Considerable delay occurs when such changes are made and priority of publication may be lost.

A reasonable number of illustrations: charts, diagrams, line drawings, photographs and tables, may be printed without cost to the author. Important additional matter of this sort may be allowed, and will be charged for at regular printing rates. Arrangements may be made for printing on special paper of X-rays, photomicrographs, and other material requiring high-fidelity reproduction in either black and white or color. Prices will be submitted beforehand. Color drawings and other material printed on special paper will be paid for by the author, and a manuscript will not be accepted until arrangements with the publisher for payment of extra costs have been made. Cost of such printing will be estimated and prices will be submitted beforehand. There will be a necessary delay in publication of manuscripts including illustrations of this type. All material for illustration must be on separate and individual sheets, numbered, the "top" of the piece indicated, the position of the piece in the text indicated, and the author's name affixed. Each table, chart or illustration must bear legends, on separate sheets, and must be so arranged that it is comprehensible to the reader without reference to the text. All this material should be mounted with wide margins, not folded, should not exceed the width of a typed page, and should be arranged to conserve vertical space. Photographic illustrations should be on glossy paper, unmounted, untrimmed, and should not be stapled or clipped together. They must reach a high standard of technical excellence and contribute significantly to the presentation of the information. Author's suggestions for grouping of photographs will be helpful and will be followed as closely as possible. The Editor will supply specific information upon request.
Only CUTTER Dip-Pert-Tet® ALHYDROX*
GIVES ALL SIX

1. Active immunization against DIPHTHERIA.
2. Active immunization against PERTUSSIS.
3. Active immunization against TETANUS.
4. Reduced dosage—standardized at 0.5 cc. for basic and "booster" injection.
5. FEWER REACTIONS from non-antigenic substances because of improved purification.
6. ALUMINUM HYDROXIDE (Alhydrox) adsorption which increases antigenicity and builds durable immunity.

When ordering, specify—Dip-Pert-Tet, Cutter with Alhydrox. There is a Cutter purified toxoid—plain or Alhydrox—for every requirement in your immunization program.

Send for New Booklet
A copy of "Pediatric Immunology, A Handbook of Recent Advances" will be sent on request. It condenses up-to-date information on simplified immunologic procedures and contains dosage schedules on 14 different immunizing agents. Write Cutter Laboratories, Dept. D-64, Berkeley, California.

* Dip-Pert-Tet Alhydrox—Diphtheria and Tetanus Toxoids and Pertussis Vaccine combined Aluminum Hydroxide adsorbed.

In answering advertisements please mention PEDIATRICS.
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Carnation Helps the Doctor Eliminate "Unknowns"

1. During formula days...
   Carnation Milk...with water and carbohydrates...is the safe, time-tested formula every doctor knows.

2. After formula...
   Carnation diluted with an equal amount of water is nourishing whole milk that's completely uniform and easier to digest.

3. and in the baby's cup!
   there's no "strange flavor" to complicate the changeover from bottle feeding.

There are enough "unknowns" in the life of an infant for the doctor to worry about. That is why doctors, for 50 years, have welcomed the known dependability and uniformity of Carnation Evaporated Milk. Carnation's "prescription accuracy" gives the doctor more complete control over the health and progress of the child.

And when the doctor takes baby "off formula"—the same, time-tested qualities of Carnation Milk are important. Carnation Milk is rich whole cow's milk—evaporated, homogenized, enriched with vitamin D, pasteurized and sterilized under rigid control in Carnation's own plants.

Then, when the child is ready to drink from the cup, doctors appreciate Carnation's year-in-year-out uniformity—in butterfat, milk solids, curd tension, viscosity, for example. There is no "strange flavor" to make the baby resist the change to cup drinking—no other "unknown factors" which might cause upsets.

Yes, from the first formula feeding...right on through a healthy childhood...there is no finer, safer milk than Carnation. You can recommend it by name with complete confidence.

8 out of 10 mothers raising their children on Carnation report that it was recommended by their doctor.
Orange flavor tastes delicious straight on the tongue or mixed in food. Non-allergenic, non-alcoholic Vitamin A ester used—no fishy taste or odor. No alcohol.

Each cc. of Ol-Vitum Drops contains:

- Vitamin A ester.......................... 10,000 USP Units
- Vitamin D .................................. 2,000 USP Units
- Natural mixed tocopherols* .............. 3 mg.
- Thiamine hydrochloride .................. 3 mg.
- Riboflavin .................................. 0.8 mg.
- Niacinamide ................................ 15 mg.
- Pyridoxine hydrochloride ............... 1.6 mg.
- Ascorbic acid ............................... 100 mg.

No refrigeration necessary. No expiration dating required.

Infants receiving Vitamins A, C and D plus the B complex showed weight increases 20% to 50% greater than those receiving Vitamins A, D and C alone.1

In Bottles of 15 and 30 cc. with especially calibrated dropper. Dosage: ½ to 1 cc. according to age.

OL-VITUM® CAPSULES are also available

International Vitamin Division IVES-CAMERON COMPANY, INC., New York 16, N. Y.


*Equivalent (by biological assay) to 1.5 mg. d, Alpha Tocopherol

In answering advertisements please mention PEDIATRICS.
The Protein-Rich Breakfast and Morning Stamina

Extensive studies* by the Bureau of Human Nutrition have established that breakfasts rich in protein and supplying 500 to 700 calories, effectively promote a sense of well-being, ward off fatigue, and sustain blood sugar levels at normal values for the entire morning postbreakfast period.

These physiologic advantages are related mainly to the protein content rather than to the caloric content of the breakfast. In fact, when isocaloric breakfasts were compared, those with the higher amounts of protein led to the greatest beneficial effects. Breakfasts providing the lower quantities of protein (7 Gm., 9 Gm., 16 Gm., and 17 Gm. respectively) produced a rapid rise in the blood sugar level and a return to normal during the next three hours. Breakfasts providing more protein (22 Gm. and 25 Gm. respectively) produced a maximal blood sugar rise which was lower than that following the breakfasts of lower protein content, but the return to normal was delayed beyond the three hour period.

The subjects on the higher protein breakfasts “reported a prolonged sense of well-being and satisfaction.” The findings indicated that the beneficial effects of the high protein breakfast on the blood sugar level may extend into the afternoon.

Meat, man’s preferred protein food, is a particularly desirable means of increasing the protein contribution of breakfast. The many breakfast meats available are not only temptingly delicious and add measurably to the gustatory appeal and variety of the morning meal, but they also provide biologically complete protein, B-complex vitamins, and essential minerals. Meat for breakfast, a time-honored American custom, is sound nutritional practice.


The Seal of Acceptance denotes that the nutritional statements made in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.

American Meat Institute
Main Office, Chicago...Members Throughout the United States
In answering advertisements please mention PEDIATRICS.
Potent ORAL PENICILLIN for All Age Groups

**White's drop-cillin** — a truly palatable liquid for drop-dosage to infants and small children—administered direct from the dropper or added to the first ounce or two of formula or other liquid—no tablets to crush, in suitable cases no unwanted injections—

50,000 UNITS* IN ONE DROPPERFUL

**White's dram-cillin** — for children and adults—the pleasant palatability which assures round-the-clock dosage—high potency in convenient dosage:

100,000 UNITS* IN A TEASPOONFUL

**DROP-CILLIN**—Supplied in 9 cc. “drop-dosage” bottles containing 600,000 units of penicillin. Solution is pink in color. Accompanying calibrated dropper (filled to mark) delivers approximately 20 drops (0.75 cc.) containing 50,000 units of penicillin.*

**DRAM-CILLIN**—in 60 cc. “teaspoonful-dosage” bottles containing 1,200,000 units of penicillin. Solution is ruby-red in color. Each teaspoonful (approximately 5 cc.) provides 100,000 units of penicillin.*

*(buffered penicillin G potassium)*

Supplied to the pharmacist as a dry white crystalline powder. Dispensed freshly prepared, these delicious vanilla-flavored solutions will retain full stated penicillin potency for seven days when refrigerated.

**WHITE LABORATORIES, Inc., Pharmaceutical Manufacturers, Newark 7, New Jersey**

*In answering advertisements please mention PEDIATRICS.*

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DIRECTORY
AMERICAN ACADEMY OF PEDIATRICS, INC.

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District X

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Aníbal Ariztia
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Carlos Krumdieck
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District CLIX

District CLI

Directory of the American Academy of Pediatrics, 1961, p. xlv
When training starts...

LITTLE TOIDEX

Whether you recommend baby be "conditioned" through the pleasant Little Toidey, before muscle control, or

you prefer the start be made after the toddler "knows what it's all about"

Toidey Habit Training Units can be helpful.

The recently developed Toddler's Toidey is particularly important for the child who starts second half of second year. It is also helpful if there has been a break in training and a new start has to be made. This Toddler's Toidey is all aluminum except that it has four suction cups on the underside of the seat so that this seat itself can be used on the toilet without the legs or the pan. This could be used as an emergency when traveling or later, when the child is two or three years old, in combination with Toidey TwoSteps.

The Toddler's Toidey is also a Base for Little Toidey. The top is aluminum formed into a comfortable seat and enameled.

SPECIAL COURTESY DISCOUNT TO PHYSICIANS

The complete Toidey Habit Training Unit consists of Little Toidey (in plastic or wood), Toidey Base, Toideyette (deflector) and Specimen Collector. The complete unit or individual items are now available to members of the medical profession for their home or office use at a special courtesy discount of 20% from regular retail prices. Courtesy discount only on orders mailed directly to us.

THE TOIDEX COMPANY
Gertrude A. Muller, Inc.
FORT WAYNE, INDIANA, U.S.A.

In answering advertisements please mention PEDIATRICS.
xiv
The remarkably selective new bronchodilator, Orthoxine Hydrochloride, was discovered among this series of isopropyl amines synthesized and studied by Upjohn research workers in their search for more effective antiasthmatic preparations. The in vitro and in vivo experiments showed that the starred compound, Beta - (orthomethoxyphenyl) - isopropylmethylamine hydrochloride, possessed actions specifically indicated in treatment and prophylaxis of bronchial asthma.

The major activity of Orthoxine Hydrochloride administered by mouth is bronchodilation. Orthoxine in usual doses exerts minimal vasopressor, cardiac and CNS side effects noted with the use of sympathomimetic “pressor” amines. Wide clinical experience has repeatedly confirmed its specific therapeutic advantages.

In the discovery and development of Orthoxine, Upjohn research workers collaborated with clinical investigators to translate new knowledge into practical form for use in the practice of medicine.


In answering advertisements please mention PEDIATRICS.
xivi
Influence of Solubility on the Practical Value of Calcium Compounds in Clinical Use

The value of calcium therapy, not only in calcium-deficiency states but also to prevent negative calcium balance during periods of increase need, e.g. pregnancy, lactation and period of rapid growth, is now universally recognized. For instance, Sherman, H. C. (Handbook of Nutrition, Chicago, A.M.A., 1943) states that calcium is the element most likely to be deficient in the American diet; further, Jeans, P. C. (ibid) believes moderate calcium deficiency is widely prevalent in childhood and usually aggravated during adolescence.

The "when" and "why" of calcium therapy, therefore, are clear and the question of greatest concern becomes: What is the best source of this mineral element? Milk is an excellent source but is not always practical; many patients cannot or will not take adequate milk. Moreover, dietary elements such as fats and vegetable oxalates interfere with calcium absorption from foodstuffs.

Therapeutic Calcium Compounds: To be suitable for oral use a calcium compound must be both well-tolerated and sufficiently soluble. According to Cantarow, A. (Calcium Metabolism and Calcium Therapy, Phila., Lea and Febiger, 1933) the extent of absorption of a calcium salt depends upon its degree of solubility.

Clinical experience has shown that calcium gluconate is well-tolerated, however its low solubility (only 3.3%) greatly limits its value. Recently a derivative, calcium gluco-galacto-gluconate, almost nine times as soluble (27.5%) was developed; this makes possible a preparation (called Syrup Neo-Calglucon) having a high calcium content completely dissolved in a limited volume.

Syrup Neo-Calglucon provides high calcium content in a readily absorbable form,* excellent gastric toleration and invitingly pleasant taste (moderately sweet and orange flavored).

Average Supplementary Dosage: One to two teaspoonfuls 2 hrs. after each meal. When the patient has a relatively calcium-poor diet the dosage should be increased, according to the need.

*One teaspoonful contains an amount of Neo-Calglucon equivalent in calcium content to 20 grs. of ordinary calcium gluconate.

For a physicians' trial supply and further information, address request to:

Sandoz Pharmaceuticals
DIVISION OF SANDOZ CHEMICAL WORKS, INC.
68 CHARLTON STREET, NEW YORK 14, NEW YORK

In answering advertisements please mention PEDIATRICS.

xlvii
After Tonsillectomy

In Pharyngitis...

Acute and

Chronic Tonsillitis... for analgesia and
antipyresis... especially in young children

Dillard's **Aspergum**

SALIVARY ANALGESIA

Contains 3½ grains of aspirin
in a pleasantly flavored chewing gum base...
acceptable to all patients. Ethically promoted.

---

**WHITE LABORATORIES, INC.**
Pharmaceutical Manufacturers, Newark 7, N. J.

In answering advertisements please mention PEDIATRICS.

xlviii
The growing demand for a one-grain cereal suitable to initial infant feedings stimulated the development of Gerber's Barley Cereal. Always, when the medical profession expresses a new need in the area of infant nutrition, we at Gerber's make every attempt to satisfy it.

Helping you give babies a better start in life is our business ... our only business. So in addition to its non-allergy advantages, Gerber's Barley Cereal contains added Iron, Calcium and important B vitamins.

Samples: Barley Cereal, Strained Oatmeal, Cereal Food plus Baby Food Analysis Folder. Write on your letterhead to Dept. 7340, Fremont, Mich.

Babies are our business ... our only business!
this new skin care
checks diaper odor
as well as diaper rash!

In the unbreakable Squeeze-Bottle........mothers' choice of pink, blue or white nursery colors.

- Fast-absorbing, non-greasy liquefied cream.
- Nursery-safe bottle can't break. More sanitary.
- Self-dispensing....much easier to use!

MENKEN BABY MAGIC
SKIN CARE

COOK COUNTY
GRADUATE SCHOOL OF MEDICINE
THE DIVISION OF PEDIATRICS
ANNOUNCES


A Two-Week Personal Course in Diagnosis & Treatment of Congenital and Acquired Heart Disease in Infants & Children Starting June 5.

A Two-Week Intensive Full Time Course in Cerebral Palsy Starting July 31.

For information address:
REGISTRAR, 427 South Honore Street, Chicago 12, Illinois

In answering advertisements please mention PEDIATRICS.
MUCH DEPENDS UPON
the Child’s Diet

THE state of nutrition of the child energizes the physiologic and psychic processes which largely determine physical growth, mental development, resistance to infection, rigor, and even success in competitive achievements. Axiomatically, the first step toward the efficient functioning of these processes is the fully adequate diet.

When the continuous adequacy of the child’s diet is threatened, regardless of cause, the multiple-nutrient dietary food supplement Ovaltine in milk is particularly serviceable. Its high levels of vitamins and minerals, its biologically complete protein, and its food energy readily make each day’s diet nutritionally adequate.

The delightfully pleasing taste of Ovaltine—especially Chocolate Flavored Ovaltine—is always an enticing treat for children. In periods of food resistance and anorexia, when many other foods may be rejected, Ovaltine in milk is usually accepted with joyful eagerness.

The table below presents the valuable amounts of nutrients contained in three glassfuls of Ovaltine in milk.

THE WANDER COMPANY, 360 N. MICHIGAN AVE., CHICAGO 1, ILL.

**Ovaltine**

Three servings daily of Ovaltine, each made of ½ oz. of Ovaltine and 8 oz. of whole milk,* provides:

<table>
<thead>
<tr>
<th>Nutrient</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>Calories</td>
<td>676</td>
</tr>
<tr>
<td>Protein</td>
<td>32 Gm.</td>
</tr>
<tr>
<td>Fat</td>
<td>32 Gm.</td>
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<tr>
<td>Carbohydrate</td>
<td>65 Gm.</td>
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<tr>
<td>Calcium</td>
<td>1.12 Gm.</td>
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<tr>
<td>Phosphorus</td>
<td>0.94 Gm.</td>
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<tr>
<td>Iron</td>
<td>12 mg.</td>
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<tr>
<td>Vitamin A</td>
<td>3.00 I.U.</td>
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<tr>
<td>Vitamin B₁</td>
<td>1.10 mg.</td>
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<tr>
<td>Riboflavin</td>
<td>2.0 mg.</td>
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<tr>
<td>Niacin</td>
<td>6.8 mg.</td>
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<tr>
<td>Vitamin C</td>
<td>30.0 mg.</td>
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<tr>
<td>Vitamin D</td>
<td>417 l.U.</td>
</tr>
<tr>
<td>Copper</td>
<td>0.5 mg.</td>
</tr>
</tbody>
</table>

*Based on average reported values for milk.

Two kinds, Plain and Chocolate Flavored. Serving for serving, they are virtually identical in nutritional content.

In answering advertisements please mention PEDIATRICS.
Girls and Boys with Normal Intelligence but Emotional Disorders or Specific Educational Disabilities

Devereux Camps
Operated by the Devereux Schools

Santa Barbara, California  Devon, Pennsylvania

RECREATIONAL  EDUCATIONAL  THERAPEUTIC

Separate camps for different age groups on beautiful Lake Embden, North Anson, Maine. Water and land sports: swimming, canoeing, boating, tennis, riding, camp crafts, overnight hikes. Partial academic program.

Schedule includes individual study and personality evaluation for each new camper. The intensive summer training aims to promote maturity and to prepare campers for their fall environment. Guidance for the next step in the child’s life is given by the professional staff.

Recent additional accommodations will afford these facilities, in the summer of 1950, for students now attending other schools.

HELENA T. DEVEREUX, Director
JOHN M. BARCLAY, Registrar
Address: Charles J. Fowler, Assistant Registrar, Devereux Schools, Devon, Pa.

---

**Borcherdt’s**

**MALSOUP EXTRACT (Liquid)**

**DRI-MALTSOUP EXTRACT (Powder)**

Borcherdt’s malt soup extract products contain a mixture of sugars similar to those ordinarily used in infant feeding, plus barley-malt extractives; the proportions of maltose, however, are increased to encourage fermentation, thus combating putrefaction and stimulating peristalsis.

- Prompt physiologic action
- No harsh irritant effect
- No danger of habit formation
- No unwanted side-effects
- Palatable, readily mixed with milk

**SUPPLIED:** MALT SOUP EXTRACT — Jars containing 8 fl. oz. and 1 pt. DRI-MALT SOUP EXTRACT — Jars containing 1 lb.

Borcherdt
MALT EXTRACT COMPANY
Malt Products for the Medical Profession Since 1868
217 NORTH WOLCOTT AVENUE
CHICAGO 12, ILL.
All the essential vitamins for average infant—in drop-dosage form

White's MULTI-VI DROPS


Each 0.6 cc. contains:

- Vitamin A .......................................................... 5000 U.S.P. units
- Vitamin D₃ .......................................................... 1000 U.S.P. units
- Thiamine Hydrochloride ........................................ 1.0 milligram
- Riboflavin ........................................................... 0.4 milligram
- Pyridoxine Hydrochloride ....................................... 1.0 milligram
- Sodium Pantothenate ........................................... 2.0 milligrams
- Nicotinamide ....................................................... 10.0 milligrams
- Ascorbic Acid ..................................................... 50.0 milligrams

In bottles of 10 cc. and 30 cc. (with calibrated droppers).

White Laboratories, Inc., Pharmaceutical Manufacturers, Newark 7, N. J.

In answering advertisements please mention PEDiATRICS.
Toys YOU might have created, Doctor!

With developmental play so important in the pediatrician’s guidance program, we took a leaf from this book, Doctor, and developed toys with psychological and educational values—sturdy, age graded Holgate Toys. Children love them—they’re wonderful fun. You’ll appreciate their smooth, safe-to-chew-on, safe-to-handle construction—the marvelous lessons in coordination Holgate Toys teach.

FREE Guide for You and Patient Parents

Doctor, let us send you our complete, illustrated catalog with exact descriptions of each Holgate toy. You may wish to recommend specific toys or use more in your office. Handy reference for visiting parents too! Special age chart on “How to Select the Proper Toy” included! No cost or obligation. Just drop us this coupon.

Holgate Brothers Co., Kane, Pa.

Gentlemen:

Please send me, without cost, the 24 page large size catalog on Holgate Toys, including toy selection chart.

DR

ADDRESS

CITY

STATE

ZONE

American Academy of Pediatrics, Inc.

Tumor Registry

Information concerning submission of specimens and obtaining data may be had by addressing:

Memorial Hospital

444 East 68th Street

New York City 21, New York

Consulting Pathologists

Fred W. Stewart, M.D.

New York, N.Y.

Howard T. Karsner, M.D.

Cleveland, Ohio

Roger D. Baker, M.D.

Birmingham, Ala.

John R. Schenken, M.D.

Omaha, Neb.

Robert A. Moore, M.D.

St. Louis, Mo.

Paul E. Steiner, M.D.

Chicago, Ill.

Sidney Farber, M.D.

Boston, Mass.

Alvin G. Foord, M.D.

Pasadena, Calif.

Consultants

William G. Heeks, M.D.


John M. Kenney, M.D.

Santa Rosa, Calif.

Charles A. Waltman, M.D.

Easton, Pa.

James P. Simonds, M.D.

Chicago, Ill.

Harold W. Dargeon, M.D.

Committee Chairman
Must side effects hitchhike

with effective relief in bronchial asthma?

For years, relief in bronchial asthma has carried unwelcome side effects with it—nervousness, palpitation, increased blood pressure, insomnia. But now, Nethaprin makes prompt, symptomatic relief possible—essentially free from the undesirable side actions of Ephedrine.

In bronchial asthma and synonymous allergic conditions, Nethaprin can be relied upon to provide effective relief...increased vital capacity...better feeling of well-being. Yet its bronchodilator, Nethamine, “causes very little central nervous stimulation and produces little or no pressor action.”

In Cincinnati—U. S. A.

Each capsule and 5 cc. teaspoonful contains: Nethamine® 25 mg., Butaphyllamine® 60 mg., Decapryl® Succinate 6 mg.

When Phenobarbital is desired, NETHAPHYL®
In full or half strength.


In answering advertisements please mention PEDIATRICS.

iv
In reply to advertisers please mention that you saw their advertisement in  

**PEDIATRICS**

Official Journal of The American Academy of Pediatrics

CHARLES C. THOMAS · PUBLISHER
NEW AND OUTSTANDING BOOKS FOR PEDIATRICIANS

THE PATHOLOGY OF NUTRITIONAL DISEASE by RICHARD H. FOLLIS, JR., M.D., Associate Professor of Pathology, Duke University School of Medicine, Durham, North Carolina. "Follis has performed a welcome service in summarizing authoritatively the nutritional deficiency. Particularly for the young pediatrician who is beginning his acquaintance with the field of nutrition is the book valuable."—American Journal of Diseases of Children.

Published January 1948, 306 pages, 11 illustrations ............... $7.50

IN DEFENSE OF MOTHERS by LEO KANNER, M.D., Associate Professor of Psychiatry, the Johns Hopkins University, Baltimore, Maryland. “How to Bring Up Children in Spite of the More Zealous Psychologists” is the subject, as entertaining as it is authoritative, with emphasis first, last, and always on common sense. Humorously illustrated by Kurt Wiese.

Second Printing published March 1950, 170 pages, 17 illustrations .. $3.00

CHILD PSYCHIATRY by LEO KANNER, M.D. Covers all the psychiatric problems as they present themselves in practice. Emphasizes clinical treatment. “His greatest contribution lies in his sympathetic descriptions, and his lucid, common-sense delineation of problems, both in maladjusted children and unhappy parents.”—Journal of Mental Science.


Published (in U.S.A.) January 1950, 202 pages ............... $4.50

Charles C Thomas • Publisher • Springfield • Illinois
Flexible Formula

...to sharpen the focus of diet

When an infant’s diet is not formulated to his exact needs, it is like a picture out of focus. For an individualist, the basic formula must be flexible to meet the changing needs of the moment—to bring the diet “into focus.”

Dextri-Maltose* has been preferred by two generations of physicians because of its exceptional flexibility in formulas using whole or evaporated milk. Quantities of this carbohydrate can be varied at will with the varying caloric requirements of the individual infant; and Dextri-Maltose is available in five forms to meet certain clinical conditions without disturbing the feeding routine.

Not too sweet, readily soluble and easy to use, Dextri-Maltose is highly digestible and slowly absorbed. No other carbohydrate for infant feeding enjoys so authoritative a background of clinical experience.

Dextri-Maltose

Dextri-Maltose No. 1—with 2% sodium chloride • Dextri-Maltose No. 2—Plain • Dextri-Maltose No. 3—with 3% Potassium Bicarbonate • Dextri-Maltose with Yeast Extract and Iron • Pectin-Agar in Dextri-Maltose.

Descriptive literature on request

In answering advertisements please mention Pediatrics.

Liiii
No One Knows Better Than You...A Doctor is Human, Too!

Like thoughtful physicians everywhere, your interest in patients extends beyond professional treatment. For example, you make sure that new babies get proper food, wisely managed, safely prepared for best growth! But you also try to keep cost down . . . because you know that most parents need every spare penny they can save!

Pet Evaporated Milk helps you solve both problems! It assures babies of optimal nutrition and gives parents maximal economy. Pet Milk is complete in the food values of whole milk . . . and it's practically as easy to digest as human milk . . . yet Pet Milk costs less than other forms!

You can be sure of this, too! Pet Milk is always surely safe . . . as if there were no germs of disease in the world . . . because Pet Milk is sterilized in a sealed container!

So for safety, nutrition, and economy, too . . . suggest Pet Milk, the first evaporated milk, for the formula of babies in your care!
not "food allergy"... but "casein allergy"

Inability to tolerate milk casein is one of the most frequent causes of allergy in infants. Casein allergy, as manifested by such symptoms as gastrointestinal upsets and atopic eczema, may follow the ingestion of any animal milk. In true casein allergy, all animal milks, including goat's milk, must be avoided.

In such cases Mull-Soy provides the answer. Mull-Soy compares closely with cow's milk in nutritional values of protein, fat, carbohydrate, and minerals.

Mull-Soy is a liquid, pleasant-tasting, homogenized, stable (vacuum packed) food, high in unsaturated fatty acids. At drugstores in 15 fl. fluidounce tins.

For hypoallergenic diets in infants and adults look to

MULL-SOY®

The Borden Company
Prescription Products Division
350 Madison Avenue, New York 17

Mull-Soy diluted with equal volume of water

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<tr>
<td>total minerals</td>
<td>1.0%</td>
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<tr>
<td>water</td>
<td>87.2%</td>
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Average whole cow's milk

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<tr>
<td>carbohydrate</td>
<td>4.9%</td>
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<td></td>
</tr>
<tr>
<td>total minerals</td>
<td>0.7%</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>water</td>
<td>87.3%</td>
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