# THE PRIMARY INGREDIENTS IN DETERGENTS

BY RABBI YOSEF GOLDBERG RC – Bake, Dairy, Oleochemical and Detergent

This article was written with the invaluable guidance of Mr. Ash Gandhi, Vice President of Research & Development, and of Quality Assurance at Manhattan Products, Carlstadt, NJ. This article is being presented with the intent of helping RFR's who visit detergent and cleanser plants to be able to simplify their visits by knowing where specifically potential problems might arise. There are essentially ten types of ingredients that go into the making of a detergent. The Surfactants and Quats are the

areas of primary concern in certified detergent plants. The other categories are primarily Group Ones (acceptable from any source in a Detergent Plant).

#### I. SURFACTANTS (SOAPS):

The primary ingredient in any cleanser or detergent is the surfactant – the chemical that separates the dirt from the object being cleaned. Surfactants are the primary area of © Detergent Certification concern for the following reason:

The main ingredients used in the manufacture of surfactants are fatty alcohols. Since fatty alcohols (along with fatty acids and glycerine) can be derived from vegetable, animal, and petroleum sources, surfactants derived from fatty alcohols must have a Kosher Laundry Grade status. This means that there is no physical presence of animal product in the vegetable or petroleum fatty alcohol. The same applies for surfactants derived from fatty acids. Fatty acids and salts of fatty acids are anionic surfactants that are useful in the removal of particulate ground in dirt.

Surfactants can also be made from inorganic chemicals (Group Ones). An example of a Group One surfactant is sulfonic acid and its salts e.g. sodium sulfonate (these often appear on detergent plants Schedule A's.) The sulfonate soaps are effective in hard water. Unlike ordinary soaps, soaps containing sulfonates do not form a scum in hard water. Some of the major brands or names of acceptable surfactants that RFR's who visit detergent plants are going to see are Tergitol, Triton, Plurafac, and Glucopon.

## II. QUARTERNARY AMMONIUM COMPOUNDS (QUATS)

Fabric softening agents are usually made from ethoxylated tallow quaternary amines (referred to as "quats"). Again, since <sup>®</sup> Detergent Certification policy prohibits the presence of animal product even if it is inedible, softeners and detergents with softeners that contain tallow-derived quats cannot receive <sup>®</sup> certification. However, quats can also be derived from coconut and/or soy. Accosoft and Biosofts manufactured by Stepan are commonly used softeners. The Accosoft 500 line is tallow derived. The Accosoft 700 line is coconut derived. The Schedule A's have a remark describing which Biosofts may not be used. Today some softeners are made of petroleum derived linear polymers which pose no problem from a kosher certification standpoint.

#### III. BUILDERS

Builders include water softeners – chemicals that remove minerals that are naturally found in water supplies – and fabric softeners. The removal of hard water minerals such as calcium and magnesium enables the cleansing process to use less surfactant. Builders also include anti-redeposition agents – chemicals that help prevent the re-entry of dirt into the material beings cleaned. Acusol, often found as an approved ingredient on our Schedule A's, is a Rohm & Haas trademark for water-soluble polymers made for reducing encrustation, increasing soil removal and preventing soil re-deposition in detergent and cleaning products. Polyacrylate polymers are used at low levels and are designed to improve performance and properties of detergent formulations. Builders also include many Detergent Group One chemicals such as citric acid, sodium citrate, sodium bicarbonates and sodium silicates. These chemicals help maintain the proper PH level of the detergent and also help immobilize soils that have been removed from the materials and are now in the water, from re-entering the fabrics.

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## GLUTEN-FREE HASHGACHA

With the assistance of OU Kashruth, a new Gluten-Free (GF) certification mark on food labels will allow consumers who are medically required to only eat gluten-free

foods to easily identify safe food. The Gluten-Free Certification Organization (GFCO), a program of the Gluten Intolerance Group® (GIG), is the first program of its kind in the world.

Gluten in the food industry refers to storage proteins found in grains. The addition of a gluten-free certification mark to a food label quickly gives the increasing number of gluten-free shoppers assurance that the product is safe to eat, meaning the product is free of gluten and possible cross-contamination from gluten.

The GFCO was developed in cooperation with Food Services,

Inc., an OU subsidiary. "Food Services, Inc. and the Orthodox Union are pleased to be included in this key development on behalf of those who for health reasons are required to be glutenfree," declared Rabbi Menachem Genack, Chief Executive Officer of OU Kashruth. "The OU's standard of excellence in kosher certification is recognized worldwide. OU field inspectors are deeply familiar with modern food technology and with the intricacies of industrial food manufacturing equipment, which will be applied to their work with Food Services, Inc. We look forward to this opportunity to use our expertise on behalf of the gluten-free consumer."

For more information RFR's can contact Rabbi Gad Buchbinder (212) 613-8344 or Rabbi Avrohom Juravel (212) 613-8396.

## **U PAS YISROEL PRODUCTS**

The following is a current alphabetical listing of OU Pas Yisroel products as of Elul 5765/September 2005 and the company's RC. Products which are also cholov yisroel and/or yoshon are so indicated.

COMPANY/BRAND	PRODUCT TYPE	RC
Albertson's in-store Bakery	Boca Raton, Del Ray Beach and Tamarac, FL	D' Chaimh ann
A ama [Albartaan'a]	All fresh baked products	R' Steinberg
Acme [Albertson's]	Narberth, PA – all fresh baked products	R' Steinberg
Acme [Albertson's]	Milltown, NJ – all fresh baked products	R' Steinberg
Acme [Albertson's]	Clifton, NJ – all fresh baked products	R' Steinberg
Jewel-Osco [Albertson's]	Evanston, IL – bread and kosher cakes	R' Steinberg
Jewel-Osco [Albertson's]	Highland Park, IL – bread and kosher cakes	R' Steinberg
Bubba's and Novelty Kosher Pastries	All baked goods (yoshon)	R' Rockove
Circa-NY Midtown & Downtown	Pizza (cholov yisroel) and breads	R' Schreier
Continental Bakery	Breads & Cakes	R' Paretzky
Continental Food	Pizza (cholov yisroel)	R' Gordimer
Continental Pastry, Inc.	Various cakes, pies & pastries	R' Paretzky
Cookie Cupboard		
David's Cookies	Hamentashen (only when labeled as Pareve and Pas Yisroel)	R' Bendelsteir
Ostreicher's	Hamentashen (only when labeled as Pareve and Pas Yisroel)	R' Bendelsteir
Rokeach	Hamentashen (only when labeled as Pareve and Pas Yisroel)	R' Bendelsteir
Daily Pita	All pita bread	R' Rockove
Dakota Brands	Bagels, rolls	R' Schreier
Damascus	Must state pas yisroel on package	R' Bendelsteir
Empire	Pizza (cholov yisroel)	R' Mandel
Everything Spelt	All baked products	R' Rockove
Gefen	Crackers, cookies, matzoh (matzon is yoshon)	R' Singer
Grandpa's "Ohl Southern"	Coffee cakes	R' Rockove
Hafners	Pastry shells w/ OU and rabbi signature	R' Rockove
Handmade Bakeries	All baked goods	R' Rockove
Healthy Palate/Chef Martini	Eggplant parmesan (breadcrumbs are pas yisroel)	R' Gold
Josef's Organic	All products	R' Rockove
Joyce Food Products (Goodman)	Matzoh meal, cakes & cookies (yoshon)	R' Singer
J2 Brooklyn	Pizza (cholov yisroel) and breads	R' Schreier
J2 Manhattan	Pizza (cholov yisroel) and breads	R' Schreier
Kelsen S/A	Butter cookies & low cholesterol cookies	
	(only with special label indicating pas yisroel)	R' Rockove
Kemach Food Products	Cookies (yoshon when stated on package)	R' Coleman
Kineret	Pizza bagels (cholov yisroel, yoshon)	R' Singer
L'Esti Desserts	Cakes and pastries (also yoshon)	R' Safran
Macabee	Pizza (cholov yisroel)	R' J. Goldberg
Manischewitz Co.	Matzoh & tam tams (yoshon)	R' Singer
Mendelson's Pizza	Pizza (cholov yisroel) and breads	R' Schreier
N-More Enterprises	· · ·	
Bagels-N-More	Challah, challah rolls (yoshon)	R' Rockove
Bagel City	Challah, challah rolls (yoshon)	R' Rockove
Nana Sylvia	Mandel bread	R' Rockove
Neri's	Only bagels	R' Schreier
Pita Express	Pita bread (also yoshon)	R' Bendelsteir
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## **DETERGENTS** IV. FABRIC WHITENING AGENTS (OPTICAL BRIGHTENERS)

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Optical Brighteners enhance the brightness of the materials being cleaned. Tinopal and Optiblanc are two of the more common Optical Brighteners found in detergent plants. Detergent Optical Brighteners are listed on our Schedule A's as a generic Detergent Group One.

#### V. DETERGENT DYES AND COLORS

All detergent dyes and colors are listed as a generic Group One.

#### VI. DETERGENT PERFUMES

All detergent perfumes are listed as a generic Detergent Group One.

#### VII. BLEACHES

Bleaches whiten materials and surfaces. The two primary bleaching chemicals are chlorine and hydrogen peroxide. Again we are dealing with Detergent Group One items.

#### VIII. PRESERVATIVES

Since the surfactants used are mostly vegetable derived, they are prone to spoilage.

Preservatives are used to kill bacteria that may feed upon the organic surfactants. Some of the examples of preservatives are Dowicils, Gluteraldehyde, Formaldehyde, DMDM Hydantoin. Detergent preservatives are Detergent Group Ones.

#### IX. ENZYMES

Enzymes are utilized primarily in laundry detergents as opposed to dish detergents.

There are three major categories of enzymes used in detergents.

- a. L Proteases enzymes that break up protein.
- b. L Amylases enzymes that break up starches and sugars.
- c. L Lipases enzymes that break up fat stains.

Detergent enzymes are treated as Detergent Group Ones.

#### X. MISCELLANEOUS:

Included under the title Miscellaneous are a number of other minor ingredients including: Chelating Agents (that remove metals from the materials and water). EDTA (Ethylenediamine Tetraacetic Acid), a Group One ingredient, is a common chelating agent found in detergent plants. Not only is it useful as a detergent component, but is also used by hematologists to break up blood clots. Fillers give more body to a detergent. Cellulose (Group One) is often used as a filler. Materials such as Polyethylene Glycol (PEG) (Group One) are used to regulate the viscosity of a liquid detergent, enabling the detergent to flow more easily. Various solvents and salts (again Detergent Group Ones) may be added for product quality control purposes.

It might be an interesting experience to go through your Detergent Schedule A's with your contact and ask him or her to explain where each ingredient fits in the context of the categories mentioned above.

### **NOW (1) CERTIFIED**

The following is a listing of Triaminic products produced by Novartis Consumer Health, which are presently <sup>®</sup> certified.

Triaminic Long Acting Cough Triaminic Cough Runny Nose

Triaminic Night Time Cough & Runny Nose

Triaminic Cough & Sore Throat
Triaminic Flu, Cough & Fever
Triaminic Chest Congestion
Cold & Cough Cherry Syrup
(also available with Hebrew label in Israel)
Cough Berry Syrup
(also available with Hebrew label in Israel)
Chest & Nasal Congestion Tropical Syrup
(also available with Hebrew label in Israel)

Flu, Cough & Fever Bubble Gum Syrup
(also available with Hebrew label in Israel)
Cough & Nasal Gongestion
Orange-Strawberry Syrup
Cold and Allergy Orange Syrup
Night Time Cough & Cold Grape Syrup
Cough and Sore Throat Grape Syrup
Triaminic Allergy

#### PAS YISROEL continued from page 2

COMPANY/BRAND	PRODUCT TYPE	RC
Reisman Bros. Bakery	Assorted cakes, cookies, rugalech	R' Paretsky
Rottella's Italian Bakery		
Bag N' Save (P.L.)	Bread, rolls, buns	R' Rockove
Roma (P.L.)	Bread, rolls, buns	R' Rockove
Rottella's	Bread, rolls, buns	R' Rockove
Smilowitz Bakery		
Delancey Dessert (PL)	Exclusively pas yisroel rolls, cookies, cakes, breads	R' Bendelstein
Moishy's (PL)	Exclusively pas yisroel rolls, cookies, cakes, breads	R' Bendelstein
Smilowitz	Exclusively pas yisroel rolls, cookies, cakes, breads	R' Bendelstein
Tova-Sovata (PL)	Exclusively pas yisroel rolls, cookies, cakes, breads	R' Bendelstein
Tami Great Foods	Old fashioned French toast	R' Rockove
Tel Aviv Kosher Bakery (Chicago)	Breads & cakes (yoshon)	R' Paretzky
The Fillo Factory	Baklava and pastry shells/cups (when marked pas yisroel)	R' Bistricer
Upscale Foods	Pizza (cholov yisroel, yoshon)	R' Gordimer
YZ Enterprises		
Almondina	Biscuits only with special label indicating pas yisroel	R' Rockove

## Kashruth alert

TUTI'S ICE CREAM AND FROZEN FRUIT BARS (assorted flavors) produced by A.J. Enterprises, Los Angeles, CA bear an unauthorized © symbol and are not certified Kosher by the OU.

VEGGIE PATCH ASSORTED SOY PRODUCTS produced by Foodtech International, Inc., previously certified by the Orthodox Union as Pareve, will now be certified as @D. @D stickers will be placed over the @ pareve symbol. Products with the @ pareve symbol and no @D are still Pareve despite the listing of dairy ingredients in the ingredient panel.

FRANK'S ORIGINAL REDHOT BUFFALO WING SAUCE produced by Reckitt Benckiser, Toronto, Ontario is a @p certified product, distributed in Canada, which contains dairy ingredients as listed on the ingredient panel. The dairy designation has been inadvertently omitted. This product is being withdrawn from the marketplace. Future packaging will be revised.

SPECIALTY DESSERT SHELLS produced by Specialty Bakers, Marysville, PA is certified kosher when bearing the <sup>®</sup> symbol. Orthodox Union policy prohibits the same product from being manufactured at kosher and non kosher facilities (even when the non kosher product does not bear the <sup>®</sup> symbol). A limited amount of product has been manufactured at a non kosher facility. The non kosher product does not bear the <sup>®</sup> symbol, however, consumers should verify that the <sup>®</sup> symbol is on each individual package purchased. In general, the Orthodox Union urges consumers to confirm that the <sup>®</sup> symbol is on all products purchased as kosher.

KEN'S CLASSIC CAESAR DRESSING (One Gallon-Foodservice only) UPC 4133506701 produced by Ken's Foods Inc., Marlborough, MA bears an unauthorized © symbol and is not certified as kosher by the Orthodox Union. The product is being withdrawn from the marketplace.

Some specific IQF HERBS manufactured by Daregal, SupHerb

Farms & Van Drunen Farms will no longer bear the © symbol. These items will be certified only when accompanied by a lot specific LOC.

POP'EM REGULAR POTATO CRISPS – expiration dates June 5 and 6, 2006 (UPC 423810310) and BBQ POTATO CRISPS – expiration dates April 12 and 13 and June 16, 2006 (UPC 4238103030) produced by Super Pufft, Ontario, Canada bear an unauthorized ① symbol and are not certified as kosher by the Orthodox Union.

HAMPTON FARMS CHILI LEMON PEANUTS produced by Jimbo's Jumbos Peanuts, Edenton, NC is an @p certified product which contains dairy ingredients as listed on the ingredient panel but the dairy designation has been inadvertently omitted. The packaging has been revised.

HERITAGE SELECT CRANBERRY & ALMOND BASMATI RICE WITH ORZO PASTA produced by Specialty Foods, Edison, NJ is certified as @p but the dairy designation has been omitted. HERITAGE SELECT CHICKEN & HERBS BASMATI RICE and HERITAGE SELECT SPANISH STYLE BASMATI RICE mistakenly bear an unauthorized @ symbol and are not certified as Kosher by the Orthodox Union.

Prior to distribution, the <sup>®</sup> symbol has been covered over with a sticker on the above listed products. Consumers spotting these products not stickered are requested to contact the Orthodox Union at 212-613-8169 or via email at howardk@ou.org.

DYNAMIC HEALTH LIQUID JOINT ELIXIR PINEAPPLE & MANGO FLAVORS NONI FOR MEN - VITALITY FORMULA and NONI WOMEN'S FORMULA produced by Dynamic Health Laboratories Inc., Brooklyn, NY mistakenly bear an unauthorized @ symbol and are not certified Kosher by the OU. Products are being withdrawn from the marketplace.

NOH FOODS OF HAWAII HAWAIIAN BBQ SAUCE produced by Noh Foods, Honolulu, Hawaii bears an unauthorized © symbol and is not certified as kosher by the Orthodox Union. Consumers spotting this product are requested to contact the OU at 212-613-8148 or via email at kashalerts@ou.org.

## **EXCERPTS** FROM SHABBOS GREETINGS JULY 22, 2005

BY RABBI DR. TZVI HERSH WEINREB OU Executive Vice President

We have just been informed that a piece on OU kosher certification (and ASK @ ) which was shot last summer featuring Rabbis Weinreb, Genack, Elefant, Grossman, and Harvey Blitz, will air on Religion and Ethics Newsweekly (PBS) this weekend. To find out when it airs in any area, go to their website www.pbs.org/wnet/religionandethics/ and click on TV schedule. After this weekend the piece will be posted on the website.

## **WELCOME BACK TO...**

Rabbi Aharon J. Brun-Kestler who is returning to OU Kashruth after serving for the past three years as the Executive Director of the Va'ad HaRabanim of Greater Seattle. At the OU he will be part of its marketing group focusing on development of new companies. He will also be part of the group working on the enhancement of the OU's Kashruth website. His phone # is 212.613.8364; Fax # 212.613.0764 and Email address is AharonB@ou.org. We wish Rabbi Brun-Kestler much success in the resumption of his OU responsibilities.

## **MAZAL TOV TO ...**

**RABBI AND MRS. MENACHEM GENACK** on the birth of their granddaughter Shoshana Yakira Raizel. The proud parents are Tami and Yigal Sklarin of Washington Heights, NY.

our devoted RFR in Seattle, WA RABBI YITZCHOK GALLOR AND HIS WIFE on the engagement of their son Menachem to Naomi Pister of Thornhill, ONT., Canada.

our devoted administrative assistant **ROCHELA PERL** on her engagement to Yitzy Goldman of Boston, MA.

our dedicated RFR in Sacramento, CA RABBI ZALMAN THALER AND HIS WIFE on the birth of their daughter Priva Leah.

### **CONDOLENCES TO...**

our devoted Rabbinic Coordinator RABBI YOSEF GROSSMAN AND FAMILY on the tragic loss of his brother Rabbi Dovid Grossman Zt'l of Brooklyn, NY.

◆ המקום ינחם אתכם בתוך שאר אבלי ציון וירושלים