

# MyFoodFriend

**A food-allergy-friendly app for those with special needs.**

**1 in 3 individuals w/ a special need have a food allergy.**

**Most of which are non-verbal, lack reading skills, have visual and hearing impairments, and/or have difficulty communicating with strangers.**

# **Our app was created with the following features...**

- **User-inputted allergy list that can be...**
  - **Cross-checked w/ a product's ingredients via UPC scan to alert the user if a product is safe to consume**
  - **Displayed to other individuals to inform them of the user's allergy**
- **Alert system to EMS services and emergency contacts when an allergic reaction occurs**
- **A simple UI that is easy to navigate and includes graphics for each main function**

**Good Morning,  
HILLARY**

**LIST**



**SCAN**



**SETTINGS**



**REPORT**



BACK

# LIST

## I can not eat...

- **Peanuts (severe)**

- **Ex:** Reese's, trail mix, most Thai food

- **Shellfish**

- **Ex:** shrimp, lobster, sushi

- **Tartrazine**

- **Ex:** Twinkies, Mountain Dew, fruity drinks

- **Carrageenan**

- **Ex:** yogurt, cottage cheese, deli meat

- **Citric Acid**

- **Ex:** tomatoes, strawberry jam, lemonade

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BACK

Wheat is a source of  
fiber that contributes to a  
healthy diet. 2,000 grams  
a day is used for general  
nutrition advice.

Vitamin D	0mcg	0%	0mcg	0%	0mcg	0%	0mcg	0%
Calcium	130mg	10%	0mg	0%	130mg	10%	130mg	10%
Iron	0.8mg	4%	0.9mg	6%	1.5mg	8%	0.8mg	4%
Potassium	50mg	0%	40mg	0%	80mg	0%	20mg	0%

**TEDDY GRAMAMS - HONEY INGREDIENTS:** GRAHAM FLOUR, WHOLE GRAIN WHEAT FLOUR, UNLEACHED ENRICHED FLOUR, WHEAT FLOUR, NACIN, REDUCED IRON, THIAMINE MONONITRATE (VITAMIN B1), RIBOFLAVIN (VITAMIN B2), FOLIC ACID, SUGAR, CANOLA OIL, HONEY, CALCIUM CARBONATE (SOURCE OF CALCIUM), MALTODEXTIN, BAKING SODA, SALT, SOY LECITHIN, NATURAL FLAVOR.

**CONTAINS: WHEAT, SOY.**

**MINI CHIPS, ANONY INGREDIENTS:** UNLEACHED ENRICHED FLOUR, WHEAT FLOUR, NACIN, REDUCED IRON, THIAMINE MONONITRATE (VITAMIN B1), RIBOFLAVIN (VITAMIN B2), FOLIC ACID, SUGAR, CORN, SOYBEAN AND/OR CANOLA OIL, PALM AND PALM KERNEL OIL, COCOA (PROCESSING), SALT, CALCIUM CARBONATE (SOURCE OF CALCIUM), MALTODEXTIN, BAKING SODA, MILK, SOY LECITHIN, NATURAL AND ARTIFICIAL FLAVOR, UNUSABLE COCOA.

**CONTAINS: WHEAT, MILK, SOY.**

**TEDDY GRAMAMS - COCOA INGREDIENTS:** GRAHAM FLOUR, WHOLE GRAIN WHEAT FLOUR, UNLEACHED ENRICHED FLOUR, WHEAT FLOUR, NACIN, REDUCED IRON, THIAMINE MONONITRATE (VITAMIN B1), RIBOFLAVIN (VITAMIN B2), FOLIC ACID, SUGAR, CANOLA OIL, COCOA, CALCIUM CARBONATE (SOURCE OF CALCIUM), MALTODEXTIN, BAKING SODA, SALT, SOY LECITHIN, CHOCOLATE, NATURAL FLAVOR.

**CONTAINS: WHEAT, SOY.**

**BARNUM'S ANIMALS INGREDIENTS:** UNLEACHED ENRICHED FLOUR, WHEAT FLOUR, NACIN, REDUCED IRON, THIAMINE MONONITRATE (VITAMIN B1), RIBOFLAVIN (VITAMIN B2), FOLIC ACID, SUGAR, SOYBEAN AND/OR CANOLA OIL, YELLOW CORN FLOUR, DEXTROSE, PALM OIL, CALCIUM CARBONATE (SOURCE OF CALCIUM), BAKING SODA, SOY LECITHIN, SALT, NATURAL AND ARTIFICIAL FLAVOR.

**CONTAINS: WHEAT, SOY.**

**MONDELEZ GLOBAL LLC, EAST HANOVER, NJ 07936 USA**

**TEDDY GRAMAMS CONTAIN INGREDIENTS DERIVED FROM A BIODETERMINED SOURCE**

**MINI CHIPS, ANONY AND BARNUM'S ANIMALS CONTAIN**

**A BIODETERMINED FOOD INGREDIENT**

**MADE IN MEXICO**

**Mondelēz**  
International



snackworks.com

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1-800-622-4716

please have package available

in hands agent



PAPER PLASTIC BAG

040000041014

Scan an item's barcode to  
see if you can consume it.

SCAN



MyFoodFriend

BACK

HOME

**SCAN**



**Is this the  
product?**



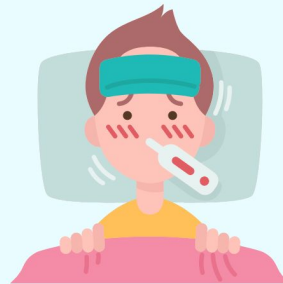
**MyFoodFriend**

BACK

HOME

# SCAN

**You can NOT  
consume this  
product!**



MyFoodFriend



**BACK**

# SETTINGS

**Hello, HILLARY.**

**Update  
Allergens**

**Update  
Emergency  
Contact  
Information**

**Update  
Personal  
Information**

**General**

**Log  
Out**



**BACK**

# **REPORT**

**Are you  
experiencing an  
allergic reaction?**



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# REPORT

**Mom, Dad, and emergency services have been notified.**

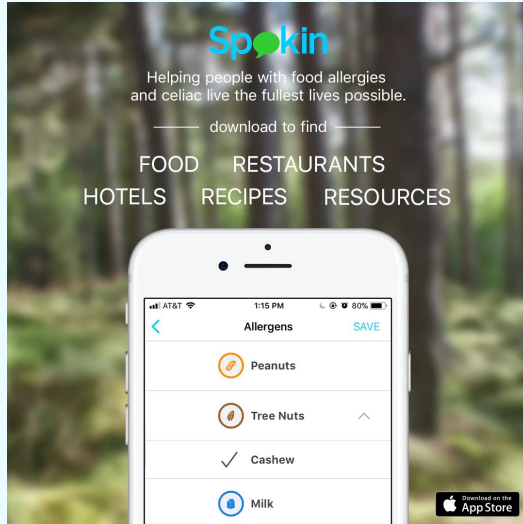
**In the meantime, please select your symptoms and input other necessary information.**

- ☐ **Hives**
- ☐ **Difficulty breathing**
- ☐ **Swollen eyes, lips, mouth, or throat**
- ☐ **Itching**

**Other information**

**Submit**

# Does this already exist and is there even a need?



**MyFoodFriend**