Procter&Gamble

MATERIAL SAFETY DATA SHEET

MSDS Identifier: **PuR Flavor Options – Peach Flavor Concentrate**

SECTION I – CHEMICAL / PRODUCT AND COMPANY IDENTIFICATION

THE PROCTER & GAMBLE COMPANY Health Care Research Center 8700 Mason-Montgomery Road Mason, OH 45040-9462	RATING KEY 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT	**Hazard Rating** Health: 1 Flammability: 1 Reactivity: 0
EMERGENCY PHONE:	Transportation Emergency (24 hour) Telephone Number: CHEMTREC: 1-800-424-9300 in the U.S. and Canada; 1-703-527-3887 for calls originating elsewhere or call the Poison Control Center	Prepared by: Jill Karner, CIH Issue Date: May 12, 2007 Last Reviewed: N/A

Material Name:	**PuR Flavor Options – Peach Flavor Concentrate**

SECTION II – COMPOSITION AND INGREDIENTS

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200, and/or WHMIS under the HPA. These substances are listed because in their pure bulk form, they meet the OSHA definition of hazardous. Any hazards associated with this finished product are listed in Section III of this MSDS.

Principal Hazardous Components:	CAS Number	Conc %	Exposure Limit/ LC50/LD50
Propylene Glycol	57-55-6	10 – 30	Oral LD50 rat 20,000 mg/kg
Citric Acid	77-92-9	7 - 13	Oral LD50 rat 3,000 mg/kg
Malic Acid	6915-15-7	1 - 5	Oral LD50 rat 708 mg/kg

SECTION III – HAZARDS IDENTIFICATION

Emergency Overview: This mixture is a product regulated by the FDA. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.

Eye:	**Contact causes moderate irritation**
Skin:	**Mildly irritating to the skin**
Inhalation:	**Can cause mild respiratory irritation. Inhalation may cause CNS effects, nausea, vomiting, headaches, and dizziness.**
Ingestion:	**May cause irritation of the gastrointestinal tract and lead to nausea and vomiting.**

SECTION IV – FIRST AID MEASURES	
Eye:	Flush eyes with water for 15 minutes
Skin:	Wash affected area with soap and water
Inhalation:	If exposed to excessive levels, get fresh air
Ingestion:	Administer water. Do not induce vomiting unless instructed by medical personnel. Contact a physician or a Poison Control Center.

SECTION V – FIRE FIGHTING MEASURES			
Flash Point:	200° F	Flash Point test method:	ASTM #D6450-99, Closed Cup method
Auto-ignition Temperature:	☒ Not applicable ☐ Not available ☐ deg. C ☐ deg F.	Flammable Limits (% by volume in air)	LEL % N/A UEL % N/A
Extinguishing Media	Use water spray, alcohol foam, or carbon dioxide		
Explosion Hazards	Combustible liquid		
Special Instructions	No applicable information has been found.		

SECTION VI – ACCIDENTAL RELEASE MEASURES	
Personal Safeguards	Ventilate spill area Wear appropirate personal protective equipment
Environmental Precautions	This material may flash when spilled at elevated temperatures (see flash point, above). Handle spills with caution.
Spill Clean-up Procedures	*Industrial Setting*: Wear appropirate personal protective equipment. *Households:* Product used in household may be disposed of in refuse or sewer.

SECTION VII – HANDLING AND STORAGE	
Recommended Storage Temperature:	Store at Room Temperature
Personal Precautions for Safe Storage and Handling:	Avoid contact with eyes, skin, and clothing
Conditions for Safe Storage:	Store at room temperature. Avoid direct sunlight.
Other Precautions:	None

SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION	
This section only applies to the product when used in an industrial setting.	
Ventilation:	Local exaust ventilation may be needed for control
Eye Protection:	Use chemical splash goggles and face shield
Respiratory Protection:	If exposed to excessive levels, a respirator may be needed.
Skin Protection:	Nitrile or PVC gloves are recommended

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES			
Appearance / Color:	Clear liquid	Melting Point:	Not available
Odor:	Peach aroma	Boiling Point:	Not available
Odor Threshold:	Not available	Solubility in Water:	Completely Soluble
Physical State:	Liquid	Vapor Pressure (mm Hg):	Not available
Vapor Density:	Not available	Specific Gravity (H_2O=1):	1.13
pH:	2.9	Other Data:	Not applicable - Product not regulated for VOC Content at State or Federal level.

SECTION X – STABILITY AND REACTIVITY	
Stability:	Stable
Possibility of Hazardous Reaction:	None known
Incompatibility: (Materials to avoid)	None known
Hazardous Decomposition Products:	None known

SECTION XI – TOXICOLOGICAL INFORMATION	
Chronic Effects:	No chronic health effects reported.
Target Organs:	No target organs reported.
Carcinogenicity:	This finished consumer product is not carcinogenic
NTP:	No
IARC:	No

SECTION XII – ECOLOGICAL INFORMATION

Relevant ecotoxicity and fate data for ingredients in this formulation have been reviewed. Under normal and foreseeable consumer uses, there are no concerns for aquatic organisms exposed to product ingredients at the anticipated environmental concentrations. The product is compatible with down-the-drain disposal routes, including municipal wastewater treatment processes and septic tank systems. This product is intended for dispersive use and should not be disposed of directly into the environment.

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal is to be performed in compliance with Federal, State/Provincial and Local regulations.

Households: **Product is safe for disposal down the drain after use.**

Industrial Setting:

Agency	**Classification**
US EPA	**This material is not considered a hazardous waste under US Resource Conservation and Recovery Act when disposed.**

SECTION XIV – TRANSPORTATION

Agency	**Classification**
US DOT (transportation by ground)	**Non-Regulated in non-bulk quantities.**
IMDG (transportation by sea)	**Non-Regulated in non-bulk quantities.**
IATA (transportation by air)	**Non-Regulated in non-bulk quantities.**

SECTION XV – ADDITIONAL REGULATORY INFORMATION

The product(s) described in this Material Safety Data Sheet are regulated under the Federal Food, Drug and Cosmetics Act and are safe to use as per directions on container, box or accompanying literature (where applicable).

US Federal:

TSCA – All intentionally-added components of this product are listed on the US TSCA Inventory.

SARA 313/302/304/311/312 chemicals: Malic Acid

US States:

California: This product has been evaluated and does not require warning labeling under California Proposition 65.

State Right-to-Know and CERCLA: The following ingredients present in the finished product are listed on state right-to-know lists or state work exposure lists.

Ingredient(s)	**CERCLA RQ**	**State(s)**
Propylene Glycol	**Not Applicable**	**MN, PA, RI**
Malic Acid	**5,000 lbs**	**Not Applicable**

SECTION XVI – OTHER INFORMATION

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.