

Procter&Gamble

MATERIAL SAFETY DATA SHEET

Page 1 of 4

MSDS Identifier

Metamucil Clear & Natural

SECTION I – CHEMICAL / PRODUCT AND COMPANY IDENTIFICATION

THE PROCTER & GAMBLE COMPANY Mason Business Center 8700 Mason Montgomery Road Mason, OH 45040-9462		RATING KEY 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT	Hazard Rating Health: 0 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: July 23, 2009 Last Reviewed: Not Applicable
Material Name:	Metamucil Clear & Natural		

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
---------------------------------	------------	---------	--------------------------

There are no Hazardous Ingredients as defined by OSHA and/or WHMIS.

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 mild irritation.
Skin:	Prolonged/repeated contact may cause irritation.
Inhalation:	High dust concentrations may cause upper respiratory tract irritation with coughing and nasal discharge.
Ingestion:	Adverse effects are not expected

SECTION IV – FIRST AID MEASURES

Eye:	Immediately flush with plenty of water. Remove contact lenses (if easy to do) and continue flushing.
Skin:	Remove contaminated clothing. Flush affected area with water.
Inhalation:	Remove to fresh air. Seek medical attention if symptoms develop or if breathing becomes difficult.
Ingestion:	Adverse effects are not expected following accidental ingestion. If irritation or discomfort occurs following ingestion, seek medical advice immediately.
Additional First Aid Measures: None	

Procter & Gamble

PROCTER & GAMBLE Page 2 of 4

MSDS Identifier: **Metamucil Clear & Natural**

SECTION V – FIRE FIGHTING MEASURES			
Flash Point:	Not Applicable	Flash Point test method:	Not Applicable
Auto-ignition Temperature:	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Not available <input type="checkbox"/> deg. C <input type="checkbox"/> deg F.	Flammable Limits (% by volume in air)	LEL % N/A UEL % N/A
Extinguishing Media:	Carbon dioxide, foam or dry powder.		
Explosion Hazards:	Keep away from heat, sparks and flame. This material is hygroscopic (can absorb moisture from air). Dust concentrations in air should not exceed 7.5 mg/L. Dusts may form an explosion hazard.		
Special Instructions:	No applicable information has been found.		

SECTION VI – ACCIDENTAL RELEASE MEASURES	
Personal Safeguards:	If excessive dust is created, wear respirator. Eliminate all sources of ignition.
Environmental Precautions:	Eliminate all sources of ignition. Contain spilled material.
Spill Clean-up Procedures:	<i>Industrial:</i> Recover material with a minimum of dust generation. Shovel, sweep or scoop material into a suitable container and cover. Flush spill area with hot water to remove residual material. <i>Household:</i> Product used in household may be disposed of in refuse.

SECTION VII – HANDLING AND STORAGE	
Recommended Storage Temperature:	
Personal Precautions for Safe Storage and Handling:	Avoid eye contact. Avoid prolonged breathing of airborne material. Dusty areas may become sticky. Use proper personal protective equipment.
Conditions for Safe Storage:	Store at a maximum temperature of 86°F (30°C) and 60% relative humidity. Clumps may form if storage containers are not closed and the relative humidity is greater than 50%. Store upright in a cool, dry, well-ventilated area out of direct sunlight. Keep containers tightly closed at all times. Do not reuse container. Store away from incompatible materials (see Section 10). Keep away from heat, sparks and flame. Keep out of reach of children.
Other Precautions:	None known

SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION	
This section only applies to the product when used in an industrial setting.	
Ventilation:	If industrial hygiene surveys show that exposures exceed TLV for Particles Not Otherwise Regulated (10 mg/m ³ Total Dust; 3 mg/m ³ Respirable Dust), use a combination of local exhaust and general dilution/ventilation to control exposures. If that is not feasible, see recommendations under “Respiratory protection.”
Eye Protection:	Wear safety glasses with side shields or goggles.
Respiratory Protection:	NIOSH approved respiratory protection is necessary if any of the occupational exposure limits in Section 2 are exceeded. Seek professional advice prior to respirator selection or use. Follow OSHA respirator regulations (29 CFR 1910.134). Use a positive pressure air supplied respirator if there is a potential for an uncontrolled release, exposure levels are not known, or under any other circumstances where air purifying respirators may not provide adequate protection.
Skin Protection:	Nitrile or PVC gloves are recommended. Wash hands after handling.
Other Special Protection:	None noted

Procter & Gamble

PROCTER & GAMBLE Page 3 of 4

MSDS Identifier: **Metamucil Clear & Natural**

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES			
Appearance / Color:	Powder	Melting Point:	Not applicable
Odor:	None	Boiling Point:	Not applicable
Odor Threshold:	Not applicable	Solubility in Water:	Soluble
Physical State:	Solid	Vapor Pressure (mm Hg):	Not Applicable
Vapor Density:	Not applicable	Specific Gravity (H ₂ O=1):	Not Applicable
pH:	Not applicable	Other Data:	Product not regulated for VOC Content at State or Federal level.

SECTION X – STABILITY AND REACTIVITY	
Stability:	Stable
Possibility of Hazardous Reaction:	Hazardous polymerization will not occur.
Incompatibility: (Materials to avoid)	Heat and other sources of ignition and strong oxidizing agents. Avoid moist air and water.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide and nitrogen oxides.

SECTION XI – TOXICOLOGICAL INFORMATION	
<p>This product consists of inulin derived from chicory through water extraction and is a natural food ingredient (CAS# 9005-80-5). Thus far, of the high dose animal toxicity data that have been located, none have revealed any toxic effects such as mortality, morbidity, target organ toxicity, reproductive or developmental toxicity, or carcinogenicity. Inulin belongs to the fructan group of oligosaccharides and polysaccharides and has a smaller degree of polymerization for improved dispersion and prebiotic application. Inulin is a natural vegetable fiber which promotes the growth of beneficial Bifido bacteria in the lower gut and is believed to favorably impact mineral balance by increasing the absorption of dietary calcium. Daily intakes in Europe and the United States have been estimated to be as much as 10 grams. The average daily amount consumed in the United States is 1-4 grams. The caloric content is 1.5 Kcal/g. Occupational exposure can occur by eye and skin contact, ingestion, and inhalation of dusts. Eye contact may cause mild irritation. Skin contact may cause irritation. Ingestion of significant amounts may cause irritation of the gastrointestinal tract with increased flatulence and likely diarrhea. Clinical studies have demonstrated that up to 20 grams/day of inulin and/or oligofructose is well tolerated. Inhalation may cause upper respiratory tract irritation with coughing and nasal discharge. This product formed less than 105 colony forming units in a standard plate count and was negative for Coliform and Salmonella bacteria.</p>	
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
<p>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.</p>

Procter & Gamble

PROCTER & GAMBLE Page 4 of 4

MSDS Identifier: Metamucil Clear & Natural

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: This material (as packaged) is not likely considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements

SECTION XIV – TRANSPORTATION

Agency	Classification
US DOT (transportation by ground)	Regulated as Food.
IMDG (transportation by sea)	Classify per IMDG regulations.
IATA (transportation by air)	Non-Regulated

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: None

US States:

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

California Registration Number: None

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)
None	None	None

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.