



The Procter & Gamble Company  
P&G Household Care  
Fabric & Home Care Innovation Center  
5299 Spring Grove Avenue  
Cincinnati, OH 45217-1087

## MATERIAL SAFETY DATA SHEET

MSDS #: RQ1311500  
Supersedes: RQ1203071

Issue Date: 11/12/2013  
Issue Date: 03/30/2012

### SECTION I - PRODUCT IDENTIFICATION

Identity: **Fabric Softener Dryer Sheets** **Finished Product**

Brands: **Downy - All Scent Varieties**

**P&G Telephone Number:** 1-800-682-1523  
or call Local Poison Control Center or your physician.

### SECTION II - HAZARDS IDENTIFICATION

**Potential Health Hazards (Acute and Chronic):** (See Section 11 for more information)

Ingestion: Ingestion of used or unused sheet by a young child or household pet may lead to impaction of the gastrointestinal tract. A physician or veterinarian should be consulted.

Eye Contact: Eye contact possible.

Skin Contact: Skin contact possible.

Inhalation: N/A

**Signs and Symptoms of Exposure:**

Ingestion: Oral ingestion may result in mild gastrointestinal irritation with nausea, vomiting or diarrhea.

Eye Contact: Prolonged instillation into the eye may result in transient superficial effects similar to those produced by mild toilet soap.

Skin Contact: Prolonged skin contact may result in transient superficial effects similar to those produced by mild toilet soap.

Inhalation: N/A

Medical Conditions Generally Known to be Aggravated by Exposure: N/K

**Potential Environmental Effects:** (See Section 12 for more information)

### SECTION III - COMPOSITION AND INGREDIENTS

Ingredients listed on the product label are: biodegradable cationic softeners and perfume.

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200. and/or WHMIS under the HPA:

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition Range</u>	<u>TLV/LD50/LC50*</u>
Octadecanoic Acid	T-1855 Double Pressed Stearic Acid	57-11-4	15 to 40%	8 hr TLV-TWA 10 mg/m3

While the finished product(s) is not considered hazardous as defined by OSHA in 29 CFR 1910.1200 (d), this MSDS contains valuable information critical to the safe handling and proper use of the product

#### SECTION IV – FIRST AID INFORMATION

**First Aid Procedures:**

Ingestion: Consult physician if ingestion of sheet is suspected to ensure the sheet passes through.

Eye Contact: Flush eyes with water.

Skin Contact: N/A

Inhalation: N/A

**Note to Physician:** Treat symptomatically

**Other:** Consumer product packages have a caution statement: “Not for use on children’s sleepwear or other garments labeled as flame resistant as it may reduce flame resistance. Keep out of the reach of toddlers and pets to avoid accidental ingestion.”

#### SECTION V - FIRE FIGHTING INFORMATION

**Flash Point (Method Used):** N/A

**Flammable Properties:**

Upper Flammable Limit: N/A

Lower Flammable Limit: N/A

**Explosive Limits:** UEL: N/A LEL: N/A

**Auto-ignition Temperature:** N/A

**Hazardous Combustion Products:** N/A

**Explosion Data (Sensitivity to Mechanical Impact):** N/A

**Explosion Data (Sensitivity to Static Discharge):** N/A

**Extinguishing Media:**

Suitable: CO<sub>2</sub>, water or dry chemical may be used.

Unsuitable:

**Protection of Firefighters:**

Specific Hazards Arising from the Material: Burning can produce carbon monoxide and/or carbon dioxide.

Protective Equipment and Precautions for Firefighters:

#### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions - Occupational:** Minimize dust levels while collecting product (see "Inhalation" health effects). Prevent exposure to dust with NIOSH approved respirators with HEPA filters. Use gloves to minimize skin contact.

**Environmental Precautions:** : DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Household solutions may be disposed of in sewer. Dry product may be landfilled if permitted by local regulations. Discard empty container in trash.

**Methods for Containment:** N/A

**Methods for Cleanup:** N/A

#### SECTION VII – HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** No special precautions for casual exposure.

**Precautions To Be Taken in Storage:** None required.

#### SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:** No special precautions for casual exposure.

**Engineering Controls:** N/A

**Personal Protective Equipment (PPE):** N/A

Eye/Face Protection: None required.

Skin Protection: None required.

Respiratory Protection: No special precautions for casual exposure.

#### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (color, physical form, shape):** Opaque white sheets. Product is perfumed.

**Flash Point (Method Used):** N/A

**Odor:** Perfumed

**Reserve Alkalinity:** N/A

**Odor Threshold:** N/A

**Solubility in Water:** N/A

**Physical State:** Solid

**Decomposition Temperature:** N/A

**Vapor Pressure (mm Hg):** N/A

**Evaporation Rate (nBuOAc=1):** N/A

**Vapor Density (Air=1):** N/A

**Specific Gravity/Density:** N/A

**Boiling Point:** N/A

**Melting/Freezing Point:** N/A

**Partition Coefficient (n-octanol/water):** N/A

**pH:** N/A

**Volatile Organic Compound (VOC):** Complies with 0.05g of VOC/use CARB Consumer Product VOC Limit for Fabric Softener – Single Use Dryer Product.

#### SECTION X - STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** Open flame

**Incompatible Materials:** None

**Hazardous Decomposition Products:** Burning can produce carbon monoxide and/or carbon dioxide.

**Possibility of Hazardous Reactions:** None known

#### SECTION XI - TOXICOLOGICAL INFORMATION

**LD50 (rats oral):** The estimated LD50 of the material with which the sheet is coated is >10.0 gm/kg.

**ED50:** >1.5 gm/kg (coating mixture)

If ingested, mild gastrointestinal irritation with nausea, vomiting, and diarrhea may be observed. Intestinal tract blockage is also possible following ingestion. Eye contact with the product may produce transient, superficial irritation.

**Chronic Effects:** No chronic health effects reported.

**Target Organs:** No target organs reported.

**Carcinogenicity:** NTP: No IARC: No OSHA: No

#### SECTION XII - ECOLOGICAL INFORMATION

Containers as well as used and unused sheets are compatible with municipal solid waste systems and they will not pose a hazard to the environment when the waste is properly handled. Ingredients delivered to fabric during use are compatible with down the drain disposal during subsequent laundering of the treated fabric. The ingredients do not pose a significant hazard to aquatic organism and will not cause any long-term adverse effects in the environment at environmentally relevant concentrations. The softening agents used in the product are biodegradable.

**SECTION XIII - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS

*Non-Household Setting:* Products covered by this MSDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. California Waste Code 331.

*Household Use:* Consumer may discard sheets or empty container in trash, or recycle container where facilities exist.

**SECTION XIV - TRANSPORT INFORMATION**

Products covered by this MSDS, in their original form, are not regulated for transportation.

**Ground Transport (US DOT):** Not regulated

**Air Transport (IATA):** Not regulated

**Marine/Water Transport (IMDG):** Not regulated

**SECTION XV - REGULATORY INFORMATION**

While the finished products are not considered hazardous as defined by OSHA in 29 CFR 1910.1200 (d), this MSDS contains valuable information critical to the safe handling and proper use of the product

**United States**

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

This product is not subject to warning labeling under California Proposition 65.

EPA Reg. No.: Not Applicable

**State Right-to-Know and CERCLA:**

The following ingredients present in the finished product are listed on state right-to-know lists or state worker exposure lists

Ingredient	CAS #	Level	CERCLA RQ	State				
				IL	MA	NJ	PA	RI

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance

**Canada**

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and this MSDS contains all information required by the Controlled Products Regulations.

**SECTION XVI - OTHER INFORMATION**

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

P&G Hazard Rating:	Health: 1	4=EXTREME
	Flammability: 1	3=HIGH
	Reactivity: 0	2=MODERATE
		1=SLIGHT
		0=NOT SIGNIFICANT

\*N/A. - Not Applicable

\*N/K. - Not Known

Data supplied is for use only in connection with occupational safety and health.

**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 assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.