

# Material Safety Data Sheet



Issuing Date: 21-Feb-2013

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product ID:          | 92343060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Name         | Head & Shoulders Green Apple Pyrithione Zinc Dandruff Conditioner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Type         | Finished Product - Consumer (Retail) Use Only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Recommended use      | Personal Beauty Care Product                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Uses advised against | All other uses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Synonyms             | Head & Shoulders Apple Fresh Pyrithione Zinc Dandruff Conditioner (92343060) * Head & Shoulders Anti-Breakage Pyrithione Zinc Dandruff Conditioner (92343159) * Head & Shoulders Anti-Hair Fall Pyrithione Zinc Dandruff Conditioner (92343159) * Head & Shoulders Damage Rescue Pyrithione Zinc Dandruff Conditioner (92343159) * Head & Shoulders Blackening Pyrithione Zinc Dandruff Conditioner (92343164) * Head & Shoulders Silky Black Pyrithione Zinc Dandruff Conditioner (92343164) * Head & Shoulders Full & Strong Pyrithione Zinc Dandruff Conditioner (92343165) * Head & Shoulders Young & Strong Pyrithione Zinc Dandruff Conditioner (92343165) * Head & Shoulders Thick & Strong Pyrithione Zinc Dandruff Conditioner (92343165) * Head & Shoulders Full & Thick Men Zinc Dandruff Conditioner (92343165) * Head & Shoulders Natural Shine Pyrithione Zinc Dandruff Conditioner (92343175) * Head & Shoulders Purifying Shine Pyrithione Zinc Dandruff Conditioner (92343175) * Head & Shoulders Restoring Shine Pyrithione Zinc Dandruff Conditioner (92343175) * Head & Shoulders Citrus Breeze Pyrithione Zinc Dandruff Conditioner (92343044) * Head & Shoulders Classic Clean Pyrithione Zinc Dandruff Conditioner (92343037) * Head & Shoulders Dry Scalp Care With Almond Oil Pyrithione Zinc Dandruff Conditioner (92343064) * Head & Shoulders Itchy Scalp Care Zinc Dandruff Conditioner (92343065) * Head & Shoulders Ocean Lift Pyrithione Zinc Dandruff Conditioner (92343055) * Head & Shoulders Purely Gentle Pyrithione Zinc Dandruff Conditioner (92327551) * Head & Shoulders Refresh Men Pyrithione Zinc Dandruff Conditioner (92343051) * Head & Shoulders Smooth & Silky Pyrithione Zinc Dandruff Conditioner (92343157) |
| Manufacturer         | The Procter & Gamble Company<br>Sharon Woods Innovation Center<br>11510 Reed Hartman Highway<br>Cincinnati OH 45202                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| E-mail Address       | pgsds.im@pg.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Emergency telephone**                      Transportation (24 HR)  
CHEMTREC - 1-800-424-9300  
(U.S./ Canada) or 1-703-527-3887  
Mexico toll free in country: 01-800-681-9531

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

**OSHA Regulatory Status**                      Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard.

**WHMIS**                                              Not subject to WHMIS classification

**Principle Routes of Exposure**                      None reasonably foreseeable.

**General Hazards**                                      This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                                | CAS-No    | Weight % |
|----------------------------------------------|-----------|----------|
| Octadecanamide, N-[3-(dimethylamino)propyl]- | 7651-02-7 | 1 - 5    |

## 4. FIRST AID MEASURES

**General advice**                                      No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.

**Eye contact**                                              Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.

**Skin contact**                                              If skin problems occur, discontinue use. If symptoms persist, call a physician.

**Ingestion**                                                  Clean mouth with water and afterwards drink plenty of water.

**Inhalation**                                                  Not an expected route of exposure.

**Protection of First-aiders**                                      Use personal protective equipment.

**Most important symptoms/effects, acute and delayed**                      None known.

**Notes to physician**                                      Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Flash Point**                                              No information available

**Suitable Extinguishing Media** Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

**Extinguishing media which shall not be used for safety reasons** No information available

**Special Hazard** None known based on information supplied

**Special protective equipment for fire-fighters** As in any fire, wear self-contained breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** None under normal use conditions.

**Advice for emergency responders** Use personal protective equipment.

**Environmental precautions** **Household:** Do not discharge product into natural waters without pre-treatment or adequate dilution. **Non-household:** Should not be released into the environment.

**Methods for Containment** No information available.

**Methods for Cleaning up** No information available.

## 7. HANDLING AND STORAGE

**Advice on safe handling** Keep out of the reach of children. Observe label precautions.

**Technical measures/Storage conditions** Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** Exposure guidelines are not relevant when product is used as intended in a household setting.

**Engineering Measures** Not applicable.

### Personal Protective Equipment

**Eye Protection** No special protective equipment required.

**Hand Protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No special protective equipment required

**Thermal hazards** Not applicable.

**Hygiene measures** None under normal use conditions.

Environmental Exposure Controls See Section 6.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                        |                                                                                             |             |
|----------------------------------------|---------------------------------------------------------------------------------------------|-------------|
| Physical State @20°C                   | liquid                                                                                      |             |
| Appearance                             | opaque. Creamy liquid.                                                                      |             |
| Odor                                   | Characteristic                                                                              |             |
| <b>Property</b>                        | <b>Values</b>                                                                               | <b>Note</b> |
| pH VALUE                               | > 4.0 - 6.0                                                                                 |             |
| Melting/freezing point                 | No information available                                                                    |             |
| Boiling point/boiling range            | > 93 °C / > 200 °F                                                                          |             |
| Flash Point                            | No information available                                                                    |             |
| Evaporation rate                       | No information available                                                                    |             |
| Flammability (solid, gas)              | No information available                                                                    |             |
| Flammability Limits in Air             |                                                                                             |             |
| upper flammability limit               | No information available                                                                    |             |
| lower flammability limit               | No information available                                                                    |             |
| Vapor pressure                         | No information available                                                                    |             |
| Vapor density                          | No information available                                                                    |             |
| Relative density                       | No information available                                                                    |             |
| Water solubility                       | Soluble in water                                                                            |             |
| Solubility in other solvents           | No information available                                                                    |             |
| Partition coefficient: n-octanol/water | No information available                                                                    |             |
| Autoignition temperature               | No information available                                                                    | .           |
| Decomposition temperature              | No information available                                                                    | .           |
| Viscosity of Product                   | No information available                                                                    |             |
| Bulk Density                           | No information available                                                                    |             |
| VOC Content                            | Products comply with US state and federal regulations for VOC content in consumer products. |             |
| Oxidizing Properties                   | No information available                                                                    |             |

## 10. STABILITY AND REACTIVITY

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Reactivity                       | None under normal use conditions.        |
| Stability                        | Stable under normal conditions.          |
| Hazardous Polymerization         | Hazardous polymerization does not occur. |
| Hazardous Reactions              | None under normal processing.            |
| Conditions to Avoid              | None under normal processing.            |
| Materials to Avoid               | None in particular.                      |
| Hazardous Decomposition Products | None under normal use.                   |

## 11. TOXICOLOGICAL INFORMATION

### Product Information

|                              |                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------|
| <b><u>Acute toxicity</u></b> | Product does not present an acute toxicity hazard based on known or supplied information. |
| <b>Inhalation</b>            | No known effect based on information supplied.                                            |
| <b>Skin contact</b>          | No known effect based on information supplied.                                            |
| <b>Ingestion</b>             | No known effect based on information supplied.                                            |
| <b>Eye contact</b>           | No known effect based on information supplied.                                            |

### Chronic Toxicity

|                               |                                                                                                                           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Corrosivity</b>            | No known effect.                                                                                                          |
| <b>Sensitization</b>          | No known effect.                                                                                                          |
| <b>Neurological Effects</b>   | No known effect.                                                                                                          |
| <b>Reproductive toxicity</b>  | The product contains no substances known to be hazardous to health in concentrations which need to be taken into account. |
| <b>Mutagenic Effects</b>      | There are no known mutagenic chemicals in this product.                                                                   |
| <b>Developmental Toxicity</b> | No known effect.                                                                                                          |
| <b>Teratogenicity</b>         | No known effect.                                                                                                          |
| <b>Carcinogenicity</b>        | Contains no ingredients above reportable quantities listed as a carcinogen.                                               |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

|                                      |                           |
|--------------------------------------|---------------------------|
| <b>Acute toxicity</b>                |                           |
| <b>Persistence and degradability</b> | No information available. |
| <b>Bioaccumulative potential</b>     | No information available. |
| <b>Mobility</b>                      | No information available. |
| <b>Other adverse effects</b>         | No information available  |

### 13. DISPOSAL CONSIDERATIONS

**Waste from Residues / Unused Products**

**Household:** Do not discharge product into natural waters without pre-treatment or adequate dilution. **Non-household:** Should not be released into the environment.

**Contaminated packaging**

Dispose of in accordance with local regulations.

**California Hazardous Waste Codes (non-household setting)** 561

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**IATA** Not regulated

**ICAO** Not regulated

**IMDG/IMO** Not regulated

### 15. REGULATORY INFORMATION

**U.S. Federal Regulations**

**SARA 313**

Not applicable for consumer use

**SARA 311/312 Hazard Categories**

|                                   |   |
|-----------------------------------|---|
| Acute Health Hazard               | - |
| Chronic Health Hazard             | - |
| Fire Hazard                       | - |
| Sudden Release of Pressure Hazard | - |
| Reactive Hazard                   | - |

**CERCLA**

Not applicable for consumer use

**Food and Drug Administration (FDA)**

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

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

Not applicable for consumer use

**Clean Water Act**

Not applicable for consumer use

**U.S. State Regulations**

**California Proposition 65**

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

#### U.S. State Regulations

Not applicable for consumer use

#### International Regulations

##### Canada

##### **WHMIS Hazard Class**

Not subject to WHMIS classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. This product is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirements of CEPA.

#### International Inventories

**TSCA** Product is a personal care product and regulated under FDA

**DSL** Exempt

**NDSL** Exempt

**Perfumes contained with the products comply with appropriate IFRA guidance.**

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### 16. OTHER INFORMATION

**Issuing Date:** 21-Feb-2013

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#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of MSDS**