

SAFETY DATA SHEET



Issuing Date: 05-Feb-2015

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Version 1.01

1. IDENTIFICATION

Product Name HEAD & SHOULDERS GREEN APPLE PYRITHIONE ZINC DANDRUFF CONDITIONER

Product ID: 92343060_RET_NG

Product Type: Finished Product - Consumer (Retail) Use Only

Recommended Use Personal Beauty Care Product

Synonyms Head & Shoulders Apple Fresh Pyrithione Zinc Dandruff Conditioner 92343060_RET_NG *
Head & Shoulders Anti-Breakage Pyrithione Zinc Dandruff Conditioner 92343159_RET_NG
* Head & Shoulders Anti-Hair Fall Pyrithione Zinc Dandruff Conditioner 92343159_RET_NG
* Head & Shoulders Damage Rescue Pyrithione Zinc Dandruff Conditioner
92343159_RET_NG * Head & Shoulders Blackening Pyrithione Zinc Dandruff Conditioner
92343164_RET_NG * Head & Shoulders Silky Black Pyrithione Zinc Dandruff Conditioner
92343164_RET_NG * Head & Shoulders Full & Strong Pyrithione Zinc Dandruff Conditioner
92343165_RET_NG * Head & Shoulders Young & Strong Pyrithione Zinc Dandruff
Conditioner 92343165_RET_NG * Head & Shoulders Thick & Strong Pyrithione Zinc
Dandruff Conditioner 92343165_RET_NG * Head & Shoulders Full & Thick Men Zinc
Dandruff Conditioner 92343165_RET_NG * Head & Shoulders Natural Shine Pyrithione
Zinc Dandruff Conditioner 92343175_RET_NG * Head & Shoulders Purifying Shine
Pyrithione Zinc Dandruff Conditioner 92343175_RET_NG * Head & Shoulders Restoring
Shine Pyrithione Zinc Dandruff Conditioner 92343175_RET_NG * Head & Shoulders Citrus
Breeze Pyrithione Zinc Dandruff Conditioner 92343044_RET_NG * Head & Shoulders
Classic Clean Pyrithione Zinc Dandruff Conditioner 92343037_RET_NG * Head &
Shoulders Dry Scalp Care With Almond Oil Pyrithione Zinc Dandruff Conditioner
92343064_RET_NG * Head & Shoulders Itchy Scalp Care Zinc Dandruff Conditioner
92343065_RET_NG * Head & Shoulders Ocean Lift Pyrithione Zinc Dandruff Conditioner
92343055_RET_NG * Head & Shoulders Purely Gentle Pyrithione Zinc Dandruff
Conditioner 92327551_RET_NG * Head & Shoulders Refresh Men Pyrithione Zinc Dandruff
Conditioner 92343051_RET_NG * Head & Shoulders Smooth & Silky Pyrithione Zinc
Dandruff Conditioner 92343157_RET_NG

Manufacturer The Procter & Gamble Company
Sharon Woods Innovation Center
11510 Reed Hartman Highway
Cincinnati OH 45241
+1 513 626-2500

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: 800-681-9531

2. HAZARD IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being

provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazard pictograms	None
Precautionary Statements - Prevention	None
Precautionary Statements - Response	None
Precautionary Statements - Storage	None
Precautionary Statements - Disposal	None
Hazards not otherwise classified (HNOC)	None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight %
Octadecanamide, N-[3-(dimethylamino)propyl]-	-	No	7651-02-7	1 - 5
Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridin ethionato-kappaS2]-, (T-4)-	-	No	13463-41-7	0.5 - 1.5

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation persists.
Skin contact	None under normal use.
Ingestion	Not an expected route of exposure. If swallowed: Clean mouth with water and afterwards drink plenty of water.
Inhalation	None under normal use.
Most important symptoms/effects, acute and delayed	No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water. Dry chemical. Alcohol-resistant foam.
Unsuitable Extinguishing Media	None.
Special hazard	None known.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific hazards arising from the chemical	None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	None under normal use conditions.
Advice for emergency responders	Use personal protective equipment as required.
Environmental precautions	Do not discharge product into natural waters without pre-treatment or adequate dilution.

Methods and materials for containment and cleaning up

Methods for containment	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Keep container closed when not in use.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible products	None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

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

Engineering Measures	No information available
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Personal Protective Equipment

Eye Protection	No special protective equipment required
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Hand Protection	No special protective equipment required
Skin and Body Protection	No special protective equipment required
Respiratory Protection	No special protective equipment required

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C	liquid
Appearance	opaque. Creamy liquid.
Odor	characteristic
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	> 4.0 - 6.0	
Melting/freezing point	No information available	
Boiling point/boiling range	> 93 °C / > 199 °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	

VOC Content (%) Products comply with US state and federal regulations for VOC content in consumer products.

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

Information on likely routes of exposure

Inhalation	No known effect.
Skin contact	No known effect.
Ingestion	No known effect.
Eye contact	No known effect.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	No known effect.
Skin corrosion/irritation	No known effect.
Serious eye damage/eye irritation	No known effect.
Skin sensitization	No known effect.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No known effect.
Neurological Effects	No known effect.
Reproductive toxicity	No known effect.
Developmental toxicity	No known effect.
Teratogenicity	No known effect.
STOT - single exposure	No known effect.
STOT - repeated exposure	No known effect.
Target Organ Effects	No known effect.
Aspiration hazard	No known effect.
Carcinogenicity	No known effect.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the environment.

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste from Residues / Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.
California Hazardous Waste Codes (non-household setting)	561

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>IATA</u>	Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Not applicable for consumer use

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

California Proposition 65

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

U.S. State Regulations (RTK)

Not applicable for consumer use

International Inventories

United States

Product is a personal care product and regulated under FDA.

Canada

This product is in compliance with CEPA for import by P&G.

Legend

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

CEPA - Canadian Environmental Protection Act

Perfumes contained with the products comply with appropriate IFRA guidance.

16. OTHER INFORMATION

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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 SDS