SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: Head & Shoulders, Total Care Men 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner

Product ID: 92289532_RET_NG

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

Recommended Use: Personal Beauty Care Product

Synonyms:
- Head & Shoulders, Smooth & Silky 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92283130)
- Head & Shoulders, Refresh Men 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (98932731)
- Head & Shoulders, Purely Gentle 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92249050)
- Head & Shoulders, Ocean Lift 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92255705)
- Head & Shoulders, Itchy Scalp Care With Eucalyptus 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92265809)
- Head & Shoulders, Full & Thick Men 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92287473)
- Head & Shoulders, Green Apple 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92255782)
- Head & Shoulders, Full & Strong 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (99910825)
- Head & Shoulders, Extra Volume 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92283264)
- Head & Shoulders, Dry Scalp Care Almond Oil 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92259608)
- Head & Shoulders, Deep Clean Men 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92284755)
- Head & Shoulders, Classic Clean 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92111273)
- Head & Shoulders, Citrus Breeze 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (99552920)
- Head & Shoulders, Active Sport Men NFL 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92289531)
- Head & Shoulders, Active Sport Men MLB 2 In 1, Pyrithione Zinc 2 In 1 Dandruff Shampoo + Conditioner (92289531)

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:
Eye Damage / Irritation Category 2B

Signal Word WARNING

Hazard Statements Causes eye irritation

Hazard pictograms None

Precautionary Statements - Prevention Wash hands thoroughly after handling
Wear protective gloves and protective clothing

Precautionary Statements - Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Synonyms</th>
<th>Trade Secret</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfuric acid monododecyl ester sodium salt (1:1)</td>
<td>-</td>
<td>No</td>
<td>151-21-3</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(dodecyloxy)-, sodium salt (1:1)</td>
<td>-</td>
<td>No</td>
<td>9004-82-4</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Carbonic acid, zinc salt (1:1)</td>
<td>-</td>
<td>No</td>
<td>3486-35-9</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Benzenesulfonic acid, dimethyl-, sodium salt (1:1)</td>
<td>-</td>
<td>No</td>
<td>1300-72-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridin ethionato-kappaS2]-, (T-4)-</td>
<td>-</td>
<td>No</td>
<td>13463-41-7</td>
<td>0.5 - 1.5</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**First aid measures for different exposure routes**

**Eye contact**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**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** May cause eye irritation.
acute and delayed

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.

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.
Exposure controls

Engineering Measures
No information available

Personal Protective Equipment

Eye Protection
Manufacturing Sites:
Safety glasses with side-shields
Distribution, Workplace and Household Settings:
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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C  liquid
Appearance  Various color by product.
Odor  characteristic
Odor threshold  No information available

Property  Values  Note
pH value  6.5 - 8.6
Melting/freezing point  No information available
Boiling point/boiling range  > 93 °C / > 199 °F
Flash point  Not Applicable
Evaporation rate  No information available
Flammability (solid, gas)  Not applicable
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

Oxidizing properties  Not applicable.
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 Avoid contact with eyes. Irritating to eyes.

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 Irritating to eyes.
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
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

Issuing Date: 02-Feb-2015
Revision Date: 02-Feb-2015
Reason for revision
Initial Release.

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