

SAFETY DATA SHEET



Issuing Date: 10-Mar-2016

Revision Date: 10-Mar-2016

Version 1

1. IDENTIFICATION

Product Name Head & Shoulders Sensitive Scalp Care 2in1

Product ID: 97599682_RET_NG

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

Recommended Use Personal Beauty Care Product.

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

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



Precautionary Statements 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 - None

Storage

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 %
SLE3S	SLE3S	No	68585-34-2	5 - 10
Sodium Lauryl Sulfate	Sodium Lauryl Sulfate	No	68585-47-7	5 - 10
Amides, coco, N-hydroxyethyl	Amides, coco, N-hydroxyethyl	No	68140-00-1	1 - 5
Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-kappaS2]-, (T-4)-	Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-kappaS2]-, (T-4)-	No	13463-41-7	0.5 - 1.5

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 IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Ingestion Not an expected route of exposure. If swallowed: Clean mouth with water and afterwards drink plenty of water.

Inhalation IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned: Get medical advice/attention.

Most important symptoms/effects, acute and delayed May cause eye irritation.

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

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry chemical. Alcohol-resistant foam. Carbon dioxide (CO₂).

Unsuitable Extinguishing Media None.

Special hazard Containers may explode when heated. Keep containers and surroundings cool with water spray.

Special protective equipment for fire-fighters Dike fire-control water for later disposal. Fight fire with normal precautions from a reasonable distance.

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 In the case of vapor formation use a respirator with an approved filter.

Methods and materials for containment and cleaning up

Methods for containment Contain the spill. The product should not be allowed to enter drains, water courses or the soil.

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 Handle in accordance with good industrial hygiene and safety practice.

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 No exposure limits noted for ingredient(s).

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	white Creamy liquid	
Odor	characteristic	
Odor threshold	All our products don't have substances deriving inhalation health risk	
<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	6.5 - 8.6	
Melting/freezing point	Not available	Not available. This property is not relevant for the safety and classification of this product
Boiling point/boiling range	No information available	
Flash point	Not Applicable	
Evaporation rate	Not available	Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)	Not available	Not applicable. This property is not relevant for liquid product forms
Flammability Limits in Air		
Upper flammability limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	No information available	Not available. This property is not relevant for the safety and classification of this product
Vapor density	Not available	Not available. This property is not relevant for the safety and classification of this product
Relative density	No information available	
Water solubility	Not available	Not available. This property is not relevant for the safety and classification of this product
Partition coefficient: n-octanol/water	No information available	This property is not relevant for mixtures
Autoignition temperature	Not available	Not available. This property is not relevant for the safety and classification of this product .
Decomposition temperature	Not available	Not available. This property is not relevant for the safety and classification of this product .
Viscosity of Product	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

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	Causes serious eye irritation.
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.

Component Information

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
SLE3S	68585-34-2	4100 mg/kg/bw (OECD 401)	>2000 mg/kg/bw (OECD 402)	-
Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-kappaS2]-, (T-4)-	13463-41-7	269 mg/kg bw (OECD 401)	> 2000 mg/kg bw (US EPA OPP 81-2)	1.03 mg/L air (OECD 403)

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Hazardous to the Aquatic Environment.

Persistence and degradability No information available.

Bioaccumulative potential .

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.

14. TRANSPORT INFORMATION**DOT**

UN no	UN3082
UN Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-kappaS2]-, (T-4)-, Cellulose, ether with a-[2-hydroxy-3-(trimethylammonio)propyl]-omega-hydroxypoly(oxy-1,2-ethanediyl), chloride), , 9, III
Hazard Class	9
Packing Group	III
Marine pollutant	Marine pollutant.
Emergency Response Guide Number	171

IMDG

UN Number	UN3082
UN Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.

Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-kappaS2]-, (T-4)-, Cellulose, ether with a-[2-hydroxy-3-(trimethylammonio)propyl]-omega-hydroxypoly(oxy-1,2-ethanediyl), chloride), , 9, III
Transport hazard class(es)	9
Packing Group	III
EmS-No	F-A, S-F

IATA

UN no	UN3082
UN Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-kappaS2]-, (T-4)-, Cellulose, ether with a-[2-hydroxy-3-(trimethylammonio)propyl]-omega-hydroxypoly(oxy-1,2-ethanediyl), chloride), 9, III
Hazard Class	9
Packing Group	III
ERG Code	9L

15. REGULATORY INFORMATION

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	CAS-No	Hazardous Substances RQs	Extremely Hazardous Substances RQs	CERCLA/SARA 302 TPQ
Hydrogen chloride	7647-01-0	5000 lb	5000 lb	500 lb
Sodium hydroxide	1310-73-2	1000 lb	-	

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

This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

Chemical Name	CAS-No	CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
Hydrogen chloride	7647-01-0	X

Chemical Name	Volatile organic compounds
1-Hexadecanol	Present
Glycerin	Present
Benzoic acid, sodium salt (1:1)	Present

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CAS-No	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Hydrogen chloride	7647-01-0	5000 lb	-	-	X
Sodium hydroxide	1310-73-2	1000 lb	-	-	X

California Proposition 65

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

U.S. State Regulations (RTK)

Chemical Name	CAS-No	Pennsylvania
Hydrogen chloride	7647-01-0	X
Glycerin	56-81-5	X
Sodium hydroxide	1310-73-2	X

International Inventories

United States

For R&D Use Only.

Canada

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

Legend

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

CEPA - Canadian Environmental Protection Act

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