

# SAFETY DATA SHEET



Issuing Date: 09-Feb-2015

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Version 1

## 1. IDENTIFICATION

<b>Product Name</b>	NIOXIN Scalp Optimizing Cleanser
<b>Product ID:</b>	98740661_A_PROF_NG
<b>Product Type:</b>	Finished Product - Consumer (Retail) and Professional Use
<b>Recommended Use</b>	Personal Beauty Care Product
<b>Manufacturer</b>	The Procter & Gamble Company Sharon Woods Innovation Center 11510 Reed Hartman Highway Cincinnati OH 45241 +1 513 626-2500
<b>E-mail Address</b>	pgsds.im@pg.com
<b>Emergency Telephone</b>	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:

<b>Eye Damage / Irritation</b>	Category 2B
<b>Signal Word</b>	WARNING
<b>Hazard Statements</b>	Causes eye irritation
<b>Hazard pictograms</b>	None
<b>Precautionary Statements - Prevention</b>	Wash hands thoroughly after handling Wear protective gloves and protective clothing
<b>Precautionary Statements - Response</b>	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
<b>Precautionary Statements - Storage</b>	None
<b>Precautionary Statements - Disposal</b>	Dispose of contents/container in accordance with local regulation
<b>Hazards not otherwise classified (HNOC)</b>	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 %
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(dodecyloxy)-, sodium salt (1:1)	-	No	9004-82-4	5 - 10
Sulfuric acid monododecyl ester sodium salt (1:1)	-	No	151-21-3	5 - 10
Amides, coco, N-hydroxyethyl	-	No	68140-00-1	1 - 5
Carbonic acid, zinc salt (1:1)	-	No	3486-35-9	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

<b>Eye contact</b>	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.
<b>Skin contact</b>	None under normal use.
<b>Ingestion</b>	Not an expected route of exposure. If swallowed: Clean mouth with water and afterwards drink plenty of water.
<b>Inhalation</b>	None under normal use.
<b>Most important symptoms/effects, acute and delayed</b>	May cause eye irritation.

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

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

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

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

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

**Methods and materials for containment and cleaning up**

<b>Methods for containment</b>	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
<b>Methods for cleaning up</b>	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**

<b>Advice on safe handling</b>	Keep container closed when not in use. Never return spills in original containers for re-use. Use personal protective equipment as required. Keep out of the reach of children.
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**Conditions for safe storage, including any incompatibilities**

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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

<b>Exposure Guidelines</b>	No exposure limits noted for ingredient(s).
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**Exposure controls**

<b>Engineering Measures</b>	No information available
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**Personal Protective Equipment**

<b>Eye Protection</b>	<b>Manufacturing Sites:</b> Safety glasses with side-shields <b>Distribution, Workplace and Household Settings:</b> No special protective equipment required
<b>Hand Protection</b>	No special protective equipment required
<b>Skin and Body Protection</b>	No special protective equipment required
<b>Respiratory Protection</b>	No special protective equipment required

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State @20°C</b>	liquid
<b>Appearance</b>	white. opaque. viscous liquid.
<b>Odor</b>	Mint-like
<b>Odor threshold</b>	No information available

<b>Property</b>	<b>Values</b>	<b>Note</b>
<b>pH value</b>	6.5 - 8.3	

Melting/freezing point	No information available
Boiling point/boiling range	No information available
Flash point	Not Applicable
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	No information available
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	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.

### Component Information

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sulfuric acid monododecyl ester sodium salt (1:1)	151-21-3	977 mg/kg bw (OECD 401; rat)	> 500 mg/kg bw (Read across data C10-16ASO <sub>4</sub> , NH <sub>4</sub> ; guideline: Standard Procedure #10; fixed dose procedure; rabbit; based on active ingredient)	-
Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-kappaS2]-, (T-4)-	13463-41-7	269 mg/kg bw (OECD 401, rat)	> 2000 mg/kg bw (EPA OPP 81-2, rat)	1.03 mg/L air (OECD 403, rat)

## 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

**DOT** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

## 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	SARA 313 - Threshold Values %
Carbonic acid, zinc salt (1:1)	3486-35-9	1.0
Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-k	13463-41-7	1.0

appaS2]-, (T-4)-		
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**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
Carbonic acid, zinc salt (1:1)	3486-35-9	1000 lb	-	
Hydrogen chloride	7647-01-0	5000 lb	5000 lb	500 lb

**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)**

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

**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
Carbonic acid, zinc salt (1:1)	3486-35-9	1000 lb	X	-	X
Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-kappaS2]-, (T-4)-	13463-41-7	-	X	-	-
Zinc oxide	1314-13-2	-	X	-	-
Hydrogen chloride	7647-01-0	5000 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	New Jersey
Carbonic acid, zinc salt (1:1)	3486-35-9	X
Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-kappaS2]-, (T-4)-	13463-41-7	X

Chemical Name	CAS-No	Massachusetts
Carbonic acid, zinc salt (1:1)	3486-35-9	X

Chemical Name	CAS-No	Pennsylvania
Carbonic acid, zinc salt (1:1)	3486-35-9	X
Zinc, bis[1-(hydroxy-kappaO)-2(1H)-pyridinethionato-kappaS2]-, (T-4)-	13463-41-7	X
Zinc oxide	1314-13-2	X
Sulfuric acid sodium salt (1:2)	7757-82-6	X
Hydrogen chloride	7647-01-0	X
Glycerin	56-81-5	X

Propylene glycol	57-55-6	X
<b>Chemical Name</b>	<b>CAS-No</b>	<b>Rhode Island</b>
Carbonic acid, zinc salt (1:1)	3486-35-9	X

**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:** 09-Feb-2015  
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**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**