Safety Data Sheet
acc. to OSHA HCS

Printing date 08/06/2018 Reviewed on 12/19/2017

1 Identification

· **Product identifier**

· **Trade name: Nioxin System 1 Conditioner**

· **Article number:** 99210005292
· **Application of the substance / the mixture** Hair care products

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Coty Cosmetics, Inc.
4500 Park Granada
Calabasas, CA 91302
USA

· **Information department:** Coty SDS Info Team
· **Emergency telephone number:**
CHEMTREC Emergency number: +1-703-527-3887
CHEMTREC US/NA Emergency number(toll free): 800-424-9300

2 Hazard(s) identification

· **Classification of the substance or mixture**

GHS07

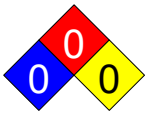
Skin Sens. 1 H317 May cause an allergic skin reaction.

· **Label elements**
· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS07

· **Signal word** Warning

· **Hazard-determining components of labeling:**
Peppermint oil
Mentha gentilis
· **Hazard statements**
May cause an allergic skin reaction.
· **Precautionary statements**
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.
If on skin: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
Wash contaminated clothing before reuse.
Dispose of contents/container in accordance with local/regional/national/international regulations.
· **Classification system:**
· **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 0
Reactivity = 0

(Contd. on page 2)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/06/2018 Reviewed on 12/19/2017

Trade name: Nioxin System 1 Conditioner

(Contd. of page 1)

· **HMIS-ratings (scale 0 - 4)**

HEALTH 0	Health = 0
FIRE 0	Fire = 0
REACTIVITY 0	Reactivity = 0

· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Chemical characterization: Mixtures**
· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**		
61789-80-8	bis(hydrogenated tallow)dimethylammonium chloride	0.75%
84082-70-2	Peppermint oil	0.327%
90063-97-1	Mentha gentilis	0.327%

4 First-aid measures

· **Description of first aid measures**
· **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:** Rinse opened eye for several minutes under running water.
· **After swallowing:** If symptoms persist consult doctor.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required.
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
· **Protective Action Criteria for Chemicals**

· **PAC-1:**		
36653-82-4	1-Hexadecanol	1.6 mg/m³

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/06/2018 Reviewed on 12/19/2017

Trade name: Nioxin System 1 Conditioner

(Contd. of page 2)

112-92-5	octadecan-1-ol	5.4 ppm
122-99-6	2-Phenoxyethanol	1.5 ppm
100-51-6	Benzyl alcohol	30 ppm
57-55-6	Propylene glycol	30 mg/m³
25322-68-3	Polyethylene glycol	30 mg/m³
60-00-4	edetic acid	4.1 mg/m³
5989-27-5	(R)-p-mentha-1,8-diene	15 ppm
7631-86-9	silicon dioxide, chemically prepared	18 mg/m³
98-92-0	nicotinamide	5.6 mg/m³

· **PAC-2:**

36653-82-4	1-Hexadecanol	18 mg/m³
112-92-5	octadecan-1-ol	60 ppm
122-99-6	2-Phenoxyethanol	16 ppm
100-51-6	Benzyl alcohol	52 ppm
57-55-6	Propylene glycol	1,300 mg/m³
25322-68-3	Polyethylene glycol	1,300 mg/m³
60-00-4	edetic acid	45 mg/m³
5989-27-5	(R)-p-mentha-1,8-diene	67 ppm
7631-86-9	silicon dioxide, chemically prepared	740 mg/m³
98-92-0	nicotinamide	62 mg/m³

· **PAC-3:**

36653-82-4	1-Hexadecanol	110 mg/m³
112-92-5	octadecan-1-ol	360 ppm
122-99-6	2-Phenoxyethanol	97 ppm
100-51-6	Benzyl alcohol	740 ppm
57-55-6	Propylene glycol	7,900 mg/m³
25322-68-3	Polyethylene glycol	7,700 mg/m³
60-00-4	edetic acid	200 mg/m³
5989-27-5	(R)-p-mentha-1,8-diene	170 ppm
7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m³
98-92-0	nicotinamide	690 mg/m³

7 Handling and storage

· **Handling:**
· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** None.

· **Storage class:** 12
· **Specific end use(s)** No further relevant information available.

(Contd. on page 4)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/06/2018 Reviewed on 12/19/2017

Trade name: Nioxin System 1 Conditioner

(Contd. of page 3)

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**
· **Components with limit values that require monitoring at the workplace:**
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.
At this time, the other constituents have no known exposure limits.
· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
· **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Fluid
Color:	Blue
· **Odor:**	Characteristic
· **Odor threshold:**	Not determined.
· **pH-value at 20 °C (68 °F):**	4-7
· **Change in condition**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/06/2018 Reviewed on 12/19/2017

Trade name: Nioxin System 1 Conditioner

(Contd. of page 4)

· **Flash point:**	Not applicable.
· **Flammability (solid, gaseous):**	Not applicable.
· **Decomposition temperature:**	Not determined.
· **Auto igniting:**	Product is not selfigniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.
· **Vapor pressure:**	Not determined.
· **Density:**	Not determined.
· **Relative density**	Not determined.
· **Vapor density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
Water:	Not miscible or difficult to mix.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	1.0 %
Water:	92.0 %
VOC content:	1.03 %
	10.3 g/l / 0.09 lb/gal
· **Other information**	No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
61789-80-8 bis(hydrogenated tallow)dimethylammonium chloride		
Oral	LD50	>2,000 mg/kg (rat) (bw (OECD 401))
Dermal	LD50	>2,000 mg/kg (rabbit) (bw (OECD 402))
Inhalative	LC50/4 h	>180 mg/l (rat)
90063-97-1 Mentha gentilis		
Oral	LD50	1,240 mg/kg (rat)

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/06/2018 *Reviewed on 12/19/2017*

Trade name: Nioxin System 1 Conditioner

(Contd. of page 5)

· **Primary irritant effect:**
· **on the skin:** No irritant effect.
· **on the eye:** No irritating effect.
· **Sensitization:** Sensitization possible through skin contact.
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**		
5989-27-5	(R)-p-mentha-1,8-diene	3
7631-86-9	silicon dioxide, chemically prepared	3
128-37-0	Butylated hydroxytoluene	3

· **NTP (National Toxicology Program)**
None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behavior in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**
· **DOT, ADN, IMDG, IATA** not regulated

· **UN proper shipping name**
· **DOT, ADN, IMDG, IATA** not regulated

(Contd. on page 7)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Nioxin System 1 Conditioner

(Contd. of page 6)

· **Transport hazard class(es)**	
· **DOT, ADN, IMDG, IATA**	
· **Class**	not regulated
· **Packing group**	
· **DOT, IMDG, IATA**	not regulated
· **Environmental hazards:**	Not applicable.
· **Special precautions for user**	Not applicable.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **UN "Model Regulation":**	not regulated

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

122-99-6	2-Phenoxyethanol

· **TSCA (Toxic Substances Control Act):**

36653-82-4	1-Hexadecanol
7651-02-7	Octadecanamide, N-[3-(dimethylamino)propyl]-
61789-80-8	bis(hydrogenated tallow)dimethylammonium chloride
112-92-5	octadecan-1-ol
9004-62-0	Cellulose, 2-hydroxyethyl ether
122-99-6	2-Phenoxyethanol
100-51-6	Benzyl alcohol
67762-27-0	Alcohols, C16-18
2216-51-5	L-menthol
123-94-4	Octadecanoic acid, 2,3-dihydroxypropyl ester
143-28-2	(Z)-octadec-9-enol
57-55-6	Propylene glycol
99-76-3	methyl 4-hydroxybenzoate
25322-68-3	Polyethylene glycol
94-13-3	propyl 4-hydroxybenzoate
9005-67-8	Sorbitan, monooctadecanoate, poly(oxy-1,2-ethanediyl) derivs.
134737-05-6	Polysiloxanes, di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy] propyl group-terminated, acetates (salts)
60-00-4	edetic acid
77-92-9	citric acid
5989-27-5	(R)-p-mentha-1,8-diene
7631-86-9	silicon dioxide, chemically prepared
78-70-6	Linalool
7695-91-2	3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-yl acetate
8002-43-5	Lecithins

(Contd. on page 8)

Safety Data Sheet
acc. to OSHA HCS

Printing date 08/06/2018 Reviewed on 12/19/2017

Trade name: Nioxin System 1 Conditioner

(Contd. of page 7)

81-13-0	Butanamide, 2,4-dihydroxy-N-(3-hydroxypropyl)-3,3-dimethyl-, (2R)-
58-85-5	biotin
98-92-0	nicotinamide
128-37-0	Butylated hydroxytoluene
8013-01-2	Yeast, ext.
7732-18-5	water, distilled, conductivity or of similar purity

· **TSCA new (21st Century Act) (Substances not listed)**

84082-70-2	Peppermint oil
90063-97-1	Mentha gentilis

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

128-37-0	Butylated hydroxytoluene	A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**

GHS07

· **Signal word** Warning

· **Hazard-determining components of labeling:**

Peppermint oil
Mentha gentilis

· **Hazard statements**

May cause an allergic skin reaction.

· **Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.
If on skin: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
Wash contaminated clothing before reuse.
Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 9)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Nioxin System 1 Conditioner

(Contd. of page 8)

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Abteilung Umweltschutz
· **Contact:** Hr. Dr. Speckbacher
· **Date of preparation / last revision** 08/06/2018 / -
· **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Skin Sens. 1: Skin sensitisation – Category 1