

# Safety Data Sheet

acc. to OSHA HCS

Printing date 08/07/2018

Reviewed on 12/19/2017

## 1 Identification

- **Product identifier**
- **Trade name:** Nioxin System 5 Conditioner
- **Article number:** 99210005583
- **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**



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**



- **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.

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· **Classification system:**· **NFPA ratings (scale 0 - 4)**· **HMIS-ratings (scale 0 - 4)**· **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:**

17301-53-0	docosyltrimethylammonium chloride	2.278%
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.

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· **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:**

112-92-5	octadecan-1-ol	5.4 ppm
36653-82-4	1-Hexadecanol	1.6 mg/m <sup>3</sup>
67-63-0	propan-2-ol	400 ppm
122-99-6	2-Phenoxyethanol	1.5 ppm
100-51-6	Benzyl alcohol	30 ppm
57-55-6	Propylene glycol	30 mg/m <sup>3</sup>
60-00-4	edetic acid	4.1 mg/m <sup>3</sup>
5989-27-5	(R)-p-mentha-1,8-diene	15 ppm
98-92-0	nicotinamide	5.6 mg/m <sup>3</sup>

· **PAC-2:**

112-92-5	octadecan-1-ol	60 ppm
36653-82-4	1-Hexadecanol	18 mg/m <sup>3</sup>
67-63-0	propan-2-ol	2000* ppm
122-99-6	2-Phenoxyethanol	16 ppm
100-51-6	Benzyl alcohol	52 ppm
57-55-6	Propylene glycol	1,300 mg/m <sup>3</sup>
60-00-4	edetic acid	45 mg/m <sup>3</sup>
5989-27-5	(R)-p-mentha-1,8-diene	67 ppm
98-92-0	nicotinamide	62 mg/m <sup>3</sup>

· **PAC-3:**

112-92-5	octadecan-1-ol	360 ppm
36653-82-4	1-Hexadecanol	110 mg/m <sup>3</sup>
67-63-0	propan-2-ol	12000** ppm
122-99-6	2-Phenoxyethanol	97 ppm
100-51-6	Benzyl alcohol	740 ppm
57-55-6	Propylene glycol	7,900 mg/m <sup>3</sup>
60-00-4	edetic acid	200 mg/m <sup>3</sup>
5989-27-5	(R)-p-mentha-1,8-diene	170 ppm
98-92-0	nicotinamide	690 mg/m <sup>3</sup>

## 7 Handling and storage

· **Handling:**

· **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

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- 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.

## 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.

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## 9 Physical and chemical properties

· <b>Information on basic physical and chemical properties</b>	
· <b>General Information</b>	
· <b>Appearance:</b>	
Form:	Fluid
Color:	White
· <b>Odor:</b>	Characteristic
· <b>Odor threshold:</b>	Not determined.
· <b>pH-value at 20 °C (68 °F):</b>	4-7
· <b>Change in condition</b>	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
Lower:	Not determined.
Upper:	Not determined.
· <b>Vapor pressure:</b>	Not determined.
· <b>Density at 20 °C (68 °F):</b>	0.96 g/cm <sup>3</sup> (8.0112 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with</b>	
Water:	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b> Not determined.	
· <b>Viscosity:</b>	
Dynamic:	Not determined.
Kinematic:	Not determined.
· <b>Solvent content:</b>	
Organic solvents:	1.8 %
Water:	88.3 %
VOC content:	1.85 %
	17.7 g/l / 0.15 lb/gal
· <b>Other information</b>	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.

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- **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:**

90063-97-1 *Mentha gentilis*

Oral	LD50	1,240 mg/kg (rat)
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- **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)**

67-63-0	propan-2-ol	3
5989-27-5	(R)-p-mentha-1,8-diene	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.

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## 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

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

## 15 Regulatory information

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

<b>· Section 355 (extremely hazardous substances):</b>	
<i>None of the ingredients is listed.</i>	
<b>· Section 313 (Specific toxic chemical listings):</b>	
67-63-0	<i>propan-2-ol</i>
122-99-6	<i>2-Phenoxyethanol</i>
<b>· TSCA (Toxic Substances Control Act):</b>	
112-92-5	<i>octadecan-1-ol</i>
17301-53-0	<i>docosyltrimethylammonium chloride</i>
36653-82-4	<i>1-Hexadecanol</i>
67-63-0	<i>propan-2-ol</i>
122-99-6	<i>2-Phenoxyethanol</i>
100-51-6	<i>Benzyl alcohol</i>
2216-51-5	<i>L-menthol</i>

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57-55-6	Propylene glycol
134737-05-6	Polysiloxanes, di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2-hydroxypropoxy]propyl group-terminated, acetates (salts)
99-76-3	methyl 4-hydroxybenzoate
94-13-3	propyl 4-hydroxybenzoate
60-00-4	edetic acid
5989-27-5	(R)-p-mentha-1,8-diene
9005-64-5	Polysorbate 20
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
81-13-0	Butanamide, 2,4-dihydroxy-N-(3-hydroxypropyl)-3,3-dimethyl-, (2R)-
58-85-5	biotin
98-92-0	nicotinamide
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)**

67-63-0	propan-2-ol	A4
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· **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

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· **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.

· **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** 08/07/2018 / -

· **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