

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/17/2020

Reviewed on 01/21/2020

1 Identification

- **Product identifier**
- **Trade name:** Nioxin Definition Creme
- **Article number:** 92276528
- **Application of the substance / the mixture** Hair styling product
- **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**
The product is not classified, according to the Globally Harmonized System (GHS).

- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **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.

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

541-02-6	Cyclopentasiloxane	>2.5-≤10%
57-55-6	Propylene glycol	≤2.5%
124-68-5	Aminomethyl Propanol	≤2.5%

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122-99-6 2-Phenoxyethanol

≤2.5%

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **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).
- **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:**

57-55-6	Propylene glycol	30 mg/m ³
124-68-5	Aminomethyl Propanol	17 mg/m ³
122-99-6	2-Phenoxyethanol	1.5 ppm
70131-67-8	Polysiloxanes, di-Me, hydroxy-terminated	190 mg/m ³
139-33-3	Disodium EDTA	11 mg/m ³
140-11-4	benzyl acetate	30 ppm
110-27-0	isopropyl myristate	81 mg/m ³
5989-27-5	Limonene	15 ppm
120-51-4	Benzyl benzoate	5.7 mg/m ³
123-92-2	isopentyl acetate	100 ppm

- **PAC-2:**

57-55-6	Propylene glycol	1,300 mg/m ³
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124-68-5	Aminomethyl Propanol	190 mg/m ³
122-99-6	2-Phenoxyethanol	16 ppm
70131-67-8	Polysiloxanes, di-Me, hydroxy-terminated	2,100 mg/m ³
139-33-3	Disodium EDTA	120 mg/m ³
140-11-4	benzyl acetate	330 ppm
110-27-0	isopropyl myristate	900 mg/m ³
5989-27-5	Limonene	67 ppm
120-51-4	Benzyl benzoate	63 mg/m ³
123-92-2	isopentyl acetate	500 ppm

· PAC-3:

57-55-6	Propylene glycol	7,900 mg/m ³
124-68-5	Aminomethyl Propanol	570 mg/m ³
122-99-6	2-Phenoxyethanol	97 ppm
70131-67-8	Polysiloxanes, di-Me, hydroxy-terminated	13,000 mg/m ³
139-33-3	Disodium EDTA	730 mg/m ³
140-11-4	benzyl acetate	2,000 ppm
110-27-0	isopropyl myristate	5,400 mg/m ³
5989-27-5	Limonene	170 ppm
120-51-4	Benzyl benzoate	380 mg/m ³
123-92-2	isopentyl acetate	3000* ppm

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **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.

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57-55-6 Propylene glycolWEEL Long-term value: 10 mg/m³

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

· **Breathing equipment:** Not required.

· **Protection of hands:**

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: Viscous

Color: According to product specification

· **Odor:** Characteristic

· **Odor threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

· **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 at 20 °C (68 °F):** 23 hPa (17.3 mm Hg)

· **Density:** Not determined.

· **Relative density** Not determined.

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· 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:	4.4 %
Water:	82.9 %
VOC content:	4.42 %
	44.2 g/l / 0.37 lb/gal
Solids content:	0.0 %
· 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:**

541-02-6 Cyclopentasiloxane

Oral	LD50	>5,000 mg/kg (rat) (bw (//OECD 401))
Dermal	LD50	>2,000 mg/kg (rabbit) (bw (//OECD 402))
Inhalative	LC50/4 h	mg/l (rat) (air (OECD 403))

57-55-6 Propylene glycol

Oral	LD50	2,000 mg/kg (rat)
Dermal	LD50	20,800 mg/kg (rabbit)

124-68-5 Aminomethyl Propanol

Oral	LD50	2,900 mg/kg (rat) (bw (//OECD 401))
Dermal	LD50	>2,000 mg/kg (rabbit) (bw (//OECD 402))

122-99-6 2-Phenoxyethanol

Oral	LD50	500 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (rabbit)

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- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

9003-01-4	Carbomer	3
140-11-4	benzyl acetate	3
5989-27-5	Limonene	3
89-82-7	Pulegone	2B

- **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:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

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

15 Regulatory information

<i>· Safety, health and environmental regulations/legislation specific for the substance or mixture</i>	
<i>· Sara</i>	
<i>· Section 355 (extremely hazardous substances):</i>	
<i>None of the ingredients is listed.</i>	
<i>· Section 313 (Specific toxic chemical listings):</i>	
<i>122-99-6</i>	<i>2-Phenoxyethanol</i>
<i>103-60-6</i>	<i>2-phenoxyethyl isobutyrate</i>
<i>· TSCA (Toxic Substances Control Act):</i>	
<i>All components have the value ACTIVE.</i>	
<i>· Hazardous Air Pollutants</i>	
<i>None of the ingredients is listed.</i>	
<i>· Proposition 65</i>	
<i>· Chemicals known to cause cancer:</i>	
<i>89-82-7</i>	<i>Pulegone</i>
<i>· Chemicals known to cause reproductive toxicity for females:</i>	
<i>None of the ingredients is listed.</i>	
<i>· Chemicals known to cause reproductive toxicity for males:</i>	
<i>None of the ingredients is listed.</i>	
<i>· Chemicals known to cause developmental toxicity:</i>	
<i>None of the ingredients is listed.</i>	
<i>· Carcinogenic categories</i>	
<i>· EPA (Environmental Protection Agency)</i>	
<i>None of the ingredients is listed.</i>	

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

140-11-4	benzyl acetate	A4
80-56-8	pin-2(3)-ene	A4

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

None of the ingredients is listed.

- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **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** 02/17/2020 / -
- **Abbreviations and acronyms:**
 - 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