

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/28/2020

Reviewed on 08/22/2019

## 1 Identification

- **Product identifier**
- **Trade name:** ColorMotion+ Structure+ Mask
- **Article number:** 99210018226
- **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**  
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)**



- **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:**

831241-93-1	Siloxanes and Silicones, 3-[(2-aminoethyl)amino]-2-methylpropyl Me, di-Me, [(hydroxydimethylsilyl)oxy]- and [(methoxydimethylsilyl)oxy]-terminated	>2.5-<10%
36653-82-4	1-Hexadecanol	≤2.5%

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7651-02-7 Octadecanamide, N-[3-(dimethylamino)propyl]-

≤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:

112-92-5	octadecan-1-ol	5.4 ppm
36653-82-4	1-Hexadecanol	1.6 mg/m <sup>3</sup>
100-51-6	Benzyl alcohol	30 ppm
122-99-6	2-Phenoxyethanol	1.5 ppm
139-33-3	Disodium EDTA	11 mg/m <sup>3</sup>
57-55-6	Propylene glycol	30 mg/m <sup>3</sup>
5989-27-5	Limonene	15 ppm

### · PAC-2:

112-92-5	octadecan-1-ol	60 ppm
36653-82-4	1-Hexadecanol	18 mg/m <sup>3</sup>
100-51-6	Benzyl alcohol	52 ppm
122-99-6	2-Phenoxyethanol	16 ppm

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139-33-3	Disodium EDTA	120 mg/m <sup>3</sup>
57-55-6	Propylene glycol	1,300 mg/m <sup>3</sup>
5989-27-5	Limonene	67 ppm
<b>· PAC-3:</b>		
112-92-5	octadecan-1-ol	360 ppm
36653-82-4	1-Hexadecanol	110 mg/m <sup>3</sup>
100-51-6	Benzyl alcohol	740 ppm
122-99-6	2-Phenoxyethanol	97 ppm
139-33-3	Disodium EDTA	730 mg/m <sup>3</sup>
57-55-6	Propylene glycol	7,900 mg/m <sup>3</sup>
5989-27-5	Limonene	170 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.
- **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

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· **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:** Whitish

· **Odor:** Characteristic

· **Odor threshold:** Not determined.

· **pH-value at 20 °C (68 °F):** 3.2-5

· **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.

· **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:** 0.9 %

**Water:** 81.3 %

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**VOC content:** 0.89 %  
8.9 g/l / 0.07 lb/gal

**Solids content:** 8.2 %  
· **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:**

### 36653-82-4 1-Hexadecanol

Oral	LD50	5,001 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)

### 68391-05-9 Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides

Oral	LD50	930 mg/kg (rat) (bw (//OECD 401))
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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)**

5989-27-5	Limonene	3
97-53-0	Eugenol	3
128-37-0	BHT	3

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

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## 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 2 (Self-assessment): hazardous for water*  
*Do not allow product to reach ground water, water course or sewage system.*  
*Danger to drinking water if even small quantities leak into the ground.*
- **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.

## 14 Transport information

- |                                                                                  |                        |
|----------------------------------------------------------------------------------|------------------------|
| · <b>UN-Number</b>                                                               |                        |
| · <b>DOT, IMDG, IATA</b>                                                         | <i>not regulated</i>   |
| · <b>UN proper shipping name</b>                                                 |                        |
| · <b>DOT, 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>   |

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## 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):

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
112-92-5	octadecan-1-ol	ACTIVE
36653-82-4	1-Hexadecanol	ACTIVE
7651-02-7	Octadecanamide, N-[3-(dimethylamino)propyl]-	ACTIVE
56-86-0	glutamic acid	ACTIVE
81-13-0	Panthenol	ACTIVE
100-51-6	Benzyl alcohol	ACTIVE
122-99-6	2-Phenoxyethanol	ACTIVE
5466-77-3	Ethylhexyl Methoxycinnamate	ACTIVE
6197-30-4	Octocrylene	ACTIVE
68391-05-9	Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides	ACTIVE
99-76-3	Methylparaben	ACTIVE
94-13-3	Propylparaben	ACTIVE
139-33-3	Disodium EDTA	ACTIVE
71-00-1	histidine	ACTIVE
57-55-6	Propylene glycol	ACTIVE
298-12-4	glyoxylic acid	ACTIVE
7647-14-5	sodium chloride	ACTIVE
78-70-6	Linalool	ACTIVE
5989-27-5	Limonene	ACTIVE
106-24-1	Geraniol	ACTIVE
106-22-9	Citronellol	ACTIVE
127-51-5	alpha-iso-Methylionone	ACTIVE
77-92-9	citric acid	ACTIVE
8024-32-6	PERSEA GRATISSIMA (AVOCADO) OIL	ACTIVE
68988-56-7	Silicic acid, sodium salt, reaction products with chlorotrimethylsilane and iso-Pr alc.	ACTIVE
97-53-0	Eugenol	ACTIVE
5392-40-5	Citral	ACTIVE
128-37-0	BHT	ACTIVE

· Hazardous Air Pollutants

None of the ingredients is listed.

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

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**· 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 BHT

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** 01/28/2020 / -

**· 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 &amp; Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit