

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/07/2019

Reviewed on 05/23/2017

1 Identification

- **Product identifier**

- **Trade name:** Clairol Professional Flare Me Dark Family SDS

- **Article number:**

99210001987 Clairol Professional Flare Me Dark Keep Calm and Berry On 320325
 99210001989 Clairol Professional Flare Me Dark Plum Away With Me 320324
 96633966 Clairol Professional Flare Me Dark Bring It Onyx 320323
 96636177 Clairol Professional Flare Me Dark Mulberry Fields 320319
 96636462 Clairol Professional Flare Me Dark Que Sera Syrah 320320
 96629952 Clairol Professional Flare Me Dark Turn Up The Beet 320321
 96644282 Clairol Professional Flare Me Dark Knock 'em Dead Red 320322

- **Application of the substance / the mixture** Hair coloring 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**



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS05

- **Signal word** Danger

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

Polyethylene glycol monooleyl ether
 2-aminoethanol
 Alcohols, C12-15, ethoxylated
 Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides
 ammonia, anhydrous
 1-(2-hydroxyethyl)-1H-pyrazol-4,5-diylldiammoniumsulfate

- **Hazard statements**

Causes skin irritation.
 Causes serious eye damage.

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Precautionary statements

Wash thoroughly after handling.

Wear protective gloves / eye protection / face protection.

If on skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

Classification system:

NFPA ratings (scale 0 - 4)



Health = 3

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = *3

Fire = 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:

112-80-1	Oleic Acid	>10-<20%
9004-98-2	Polyethylene glycol monooleyl ether	≥3-≤10%
57-55-6	Propylene glycol	>2.5-≤10%
68131-39-5	Alcohols, C12-15, ethoxylated	≥3-≤10%
67-63-0	isopropyl alcohol	>2.5-<10%
61790-41-8	Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides	≥3-<5%
141-43-5	2-aminoethanol	>2.5-<5%
7664-41-7	ammonia, anhydrous	>2.5-<5%
155601-30-2	1-(2-hydroxyethyl)-1H-pyrazol-4,5-diylidammoniumsulfate	≥1-≤2.5%
66422-95-5	Ethanol, 2-(2,4-diaminophenoxy)-, hydrochloride (1:2)	≥0.1-<1%
83732-72-3	6-Methoxy-N2-Methylpyridine-2,3-Diamine Hydrochloride	≥0.1-<1%

4 First-aid measures

Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

After inhalation: 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. Then consult a doctor.

After swallowing: If symptoms persist consult doctor.

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- **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**
Wear protective equipment. Keep unprotected persons away.
- **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).
Use neutralizing agent.
Dispose contaminated material as waste according to item 13.
- **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:

112-80-1	Oleic Acid	220 mg/m ³
57-55-6	Propylene glycol	30 mg/m ³
67-63-0	isopropyl alcohol	400 ppm
141-43-5	2-aminoethanol	6 ppm
7664-41-7	ammonia, anhydrous	30 ppm
151-21-3	sodium dodecyl sulphate	3.9 mg/m ³
90-15-3	1-naphthol	2.2 mg/m ³
12001-26-2	Mica	9 mg/m ³
7757-83-7	sodium sulphite	11 mg/m ³
139-33-3	Disodium EDTA	11 mg/m ³
1310-73-2	sodium hydroxide	0.5 mg/m ³
13463-67-7	titanium dioxide	30 mg/m ³
5989-27-5	Limonene	15 ppm
100-51-6	Benzyl alcohol	30 ppm

· PAC-2:

112-80-1	Oleic Acid	2,400 mg/m ³
57-55-6	Propylene glycol	1,300 mg/m ³
67-63-0	isopropyl alcohol	2000* ppm
141-43-5	2-aminoethanol	170 ppm
7664-41-7	ammonia, anhydrous	160 ppm
151-21-3	sodium dodecyl sulphate	43 mg/m ³
90-15-3	1-naphthol	25 mg/m ³

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12001-26-2	Mica	99 mg/m ³
7757-83-7	sodium sulphite	120 mg/m ³
139-33-3	Disodium EDTA	120 mg/m ³
1310-73-2	sodium hydroxide	5 mg/m ³
13463-67-7	titanium dioxide	330 mg/m ³
5989-27-5	Limonene	67 ppm
100-51-6	Benzyl alcohol	52 ppm

· **PAC-3:**

112-80-1	Oleic Acid	15,000 mg/m ³
57-55-6	Propylene glycol	7,900 mg/m ³
67-63-0	isopropyl alcohol	12000** ppm
141-43-5	2-aminoethanol	1,000 ppm
7664-41-7	ammonia, anhydrous	1,100 ppm
151-21-3	sodium dodecyl sulphate	260 mg/m ³
90-15-3	1-naphthol	450 mg/m ³
12001-26-2	Mica	590 mg/m ³
7757-83-7	sodium sulphite	710 mg/m ³
139-33-3	Disodium EDTA	730 mg/m ³
1310-73-2	sodium hydroxide	50 mg/m ³
13463-67-7	titanium dioxide	2,000 mg/m ³
5989-27-5	Limonene	170 ppm
100-51-6	Benzyl alcohol	740 ppm

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **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:** Keep receptacle tightly sealed.
- **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**67-63-0 isopropyl alcohol**

PEL Long-term value: 980 mg/m³, 400 ppm
 REL Short-term value: 1225 mg/m³, 500 ppm
 Long-term value: 980 mg/m³, 400 ppm
 TLV Short-term value: 984 mg/m³, 400 ppm
 Long-term value: 492 mg/m³, 200 ppm
 BEI

141-43-5 2-aminoethanol

PEL Long-term value: 6 mg/m³, 3 ppm
 REL Short-term value: 15 mg/m³, 6 ppm
 Long-term value: 8 mg/m³, 3 ppm
 TLV Short-term value: 15 mg/m³, 6 ppm
 Long-term value: 7.5 mg/m³, 3 ppm

7664-41-7 ammonia, anhydrous

PEL Long-term value: 35 mg/m³, 50 ppm
 REL Short-term value: 27 mg/m³, 35 ppm
 Long-term value: 18 mg/m³, 25 ppm
 TLV Short-term value: 24 mg/m³, 35 ppm
 Long-term value: 17 mg/m³, 25 ppm

· Ingredients with biological limit values:**67-63-0 isopropyl alcohol**

BEI 40 mg/L
 Medium: urine
 Time: end of shift at end of workweek
 Parameter: Acetone (background, nonspecific)

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

· **Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **Breathing equipment:** Not required.· **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.

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- **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:**



Tightly sealed goggles

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 at 20 °C (68 °F):** 10.5

- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 360 °C (680 °F)

- **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:	15.9 %
Water:	36.8 %
VOC content:	15.91 %
	159.1 g/l / 1.33 lb/gal

Solids content: 28.3 %

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· **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:****112-80-1 Oleic Acid**

Oral	LD50	>2,000 mg/kg (rat) (bw)
Dermal	LD50	>2,150 mg/kg (rabbit) (bw)

57-55-6 Propylene glycol

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

67-63-0 isopropyl alcohol

Oral	LD50	5,840 mg/kg (rat) (bw (//OECD 401))
Dermal	LD50	12,956 mg/kg (rabbit) (bw (//OECD 402))
Inhalative	LC50/4 h	>24.578 mg/l (rat) (air (//OECD 403))

61790-41-8 Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides

Oral	LD50	500 mg/kg (rat)
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141-43-5 2-aminoethanol

Oral	LD50	1,089 mg/kg (rat) (bw (Similar to OECD 401; standard acute method; ra)
Dermal	LD50	1,000 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/l (rat)

7664-41-7 ammonia, anhydrous

Oral	LD50	350 mg/kg (rat)
Inhalative	LC50/4 h	2,000 mg/l (rat)

155601-30-2 1-(2-hydroxyethyl)-1H-pyrazol-4,5-diylidammoniumsulfate

Oral	LD50	>2,000 mg/kg (rat) (bw (OECD 401))
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66422-95-5 Ethanol, 2-(2,4-diaminophenoxy)-, hydrochloride (1:2)

Oral	LD50	500 mg/kg (rat)
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83732-72-3 6-Methoxy-N2-Methylpyridine-2,3-Diamine Hydrochloride

Oral	LD50	500 mg/kg (rat)
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- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:

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Irritant· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

67-63-0	isopropyl alcohol	3
13463-67-7	titanium dioxide	2B
5989-27-5	Limonene	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 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

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:**

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, IMDG, IATA** not regulated· **UN proper shipping name**· **DOT, IMDG, IATA** not regulated· **Transport hazard class(es)**· **DOT, ADN, IMDG, IATA**· **Class** not regulated· **Packing group**· **DOT, IMDG, IATA** not regulated

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- | | |
|---|-----------------|
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL 73/78 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):**

7664-41-7	ammonia, anhydrous
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· **Section 313 (Specific toxic chemical listings):**

67-63-0	isopropyl alcohol
7664-41-7	ammonia, anhydrous

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

112-80-1	Oleic Acid	ACTIVE
9004-98-2	Polyethylene glycol monooleyl ether	ACTIVE
57-55-6	Propylene glycol	ACTIVE
68131-39-5	Alcohols, C12-15, ethoxylated	ACTIVE
91031-31-1	Fatty acids, C16-18, esters with ethylene glycol	ACTIVE
67-63-0	isopropyl alcohol	ACTIVE
61790-41-8	Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides	ACTIVE
141-43-5	2-aminoethanol	ACTIVE
7664-41-7	ammonia, anhydrous	ACTIVE
151-21-3	sodium dodecyl sulphate	ACTIVE
90-15-3	1-naphthol	ACTIVE
66422-95-5	Ethanol, 2-(2,4-diaminophenoxy)-, hydrochloride (1:2)	ACTIVE
50-81-7	ascorbic acid	ACTIVE
7757-83-7	sodium sulphite	ACTIVE
139-33-3	Disodium EDTA	ACTIVE
1310-73-2	sodium hydroxide	ACTIVE
13463-67-7	titanium dioxide	ACTIVE
5989-27-5	Limonene	ACTIVE
78-70-6	Linalool	ACTIVE
100-51-6	Benzyl alcohol	ACTIVE
5392-40-5	Citral	ACTIVE
111-12-6	Methyl 2-octynoate	ACTIVE
7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE

· **Hazardous Air Pollutants**

None of the ingredients is listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

13463-67-7	titanium dioxide
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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)**

67-63-0	isopropyl alcohol	A4
13463-67-7	titanium dioxide	A4

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

13463-67-7	titanium dioxide
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· **GHS label elements**

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

· **Hazard pictograms**



GHS05

· **Signal word** *Danger*

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

Polyethylene glycol monooleyl ether

2-aminoethanol

Alcohols, C12-15, ethoxylated

Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides

ammonia, anhydrous

1-(2-hydroxyethyl)-1H-pyrazol-4,5-diylidammoniumsulfate

· **Hazard statements**

Causes skin irritation.

Causes serious eye damage.

· **Precautionary statements**

Wash thoroughly after handling.

Wear protective gloves / eye protection / face protection.

If on skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a poison center/doctor.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

· **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** 06/07/2019 / -

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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
BEI: Biological Exposure Limit
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1

US