Printing date 02/18/2020 Reviewed on 02/18/2020

1 Identification

· Product identifier

· Trade name: Color Touch 10/01

· Article number: 95941556

· Application of the substance / the mixture Hair dye

· 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.



Skin Irrit. 2 H315 Causes skin irritation.

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





GHS05

GHS07

- · Signal word Danger
- · Hazard-determining components of labeling:

2-aminoethanol

Sodium Laureth Sulfate

2-methyl-p-phenylenediamine sulphate

Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-

5-amino-o-cresol

Phenol, 2-amino-6-chloro-4-nitro-

2-Methylresorcinol

· Hazard statements

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

· Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

(Contd. on page 2)

Reviewed on 02/18/2020 Printing date 02/18/2020

Trade name: Color Touch 10/01

(Contd. of page 1)

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 or rash occurs: Get medical advice/attention.

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 = 3Fire = 0Reactivity = 0

· HMIS-ratings (scale 0 - 4)



*3 *Health* = *3 Fire = 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	•	
141-43-5	2-aminoethanol	>2.5-<5%
68891-38-3	Sodium Laureth Sulfate	>2.5-<3%
	Benzyl alcohol	≤ 2.5%
7757-82-6	Sodium Sulfate	≤2.5%
615-50-9	2-methyl-p-phenylenediamine sulphate	≥0.1-<1%
2871-01-4	Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-	≥0.1-<1%
2835-95-2	5-amino-o-cresol	≥0.1-<1%
6358-09-4	Phenol, 2-amino-6-chloro-4-nitro-	≥0.1-<1%
	2-Methylresorcinol	≥0.1-<1%

4 First-aid measures

- · Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · 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. Then consult a doctor.
- · After swallowing: If symptoms persist consult doctor.
- · Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.

Printing date 02/18/2020 Reviewed on 02/18/2020

Trade name: Color Touch 10/01

(Contd. of page 2)

· 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.

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

· <i>PAC-1</i> :		
141-43-5	2-aminoethanol	6 ррт
100-51-6	Benzyl alcohol	30 ppm
7757-82-6	Sodium Sulfate	9.8 mg/m^3
151-21-3	sodium dodecyl sulphate	3.9 mg/m^3
7757-83-7	sodium sulphite	11 mg/m³
1310-73-2	sodium hydroxide	0.5 mg/m^3
2809-21-4	1-hydroxyethane-1,1-diylbis(phosphonic acid)	7.2 mg/m^3
90-15-3	1-naphthol	2.2 mg/m^3
5989-27-5	Limonene	15 ppm
140-11-4	benzyl acetate	30 ppm
91-64-5	Coumarin	0.88 mg/m^3
112-31-2	decanal	1.8 ppm
· PAC-2:		
141-43-5	2-aminoethanol	170 ppm
100-51-6	Benzyl alcohol	52 ppm
7757-82-6	Sodium Sulfate	110 mg/m^3
151-21-3	sodium dodecyl sulphate	43 mg/m³
7757-83-7	sodium sulphite	120 mg/m^3
1310-73-2	sodium hydroxide	$5 mg/m^3$
2809-21-4	1-hydroxyethane-1,1-diylbis(phosphonic acid)	79 mg/m³
90-15-3	1-naphthol	25 mg/m ³
5989-27-5	Limonene	67 ppm
140-11-4	benzyl acetate	330 ppm

– Us

Printing date 02/18/2020 Reviewed on 02/18/2020

Trade name: Color Touch 10/01

	(Contd. of page 3
91-64-5 Coumarin	9.7 mg/m^3
112-31-2 decanal	19 ppm
· PAC-3:	
141-43-5 2-aminoethanol	1,000 ppm
100-51-6 Benzyl alcohol	740 ppm
7757-82-6 Sodium Sulfate	650 mg/m³
151-21-3 sodium dodecyl sulphate	260 mg/m³
7757-83-7 sodium sulphite	710 mg/m³
1310-73-2 sodium hydroxide	50 mg/m³
2809-21-4 1-hydroxyethane-1,1-diylbis(phosphonic acid)	480 mg/m^3
90-15-3	450 mg/m^3
5989-27-5 Limonene	170 ppm
140-11-4 benzyl acetate	2,000 ppm
91-64-5 Coumarin	58 mg/m³
112-31-2 decanal	120 ppm

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: 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 constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

At this	time, the other constituents have no known exposure timits.
141-43	3-5 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
100-51	l-6 Benzyl alcohol
WEEL	Long-term value: 10 ppm
	(Contd. on page 5)

500)

Printing date 02/18/2020 Reviewed on 02/18/2020

Trade name: Color Touch 10/01

(Contd. of page 4)

7757-82-6 Sodium Sulfate

TLV Short-term value: NIC-0.2 mg/m³ thoracic fraction of aerosol

- · 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:

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:



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: CharacteristicOdor threshold: Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100 °C (212 °F)

(Contd. on page 6)

Printing date 02/18/2020 Reviewed on 02/18/2020

Trade name: Color Touch 10/01

	(Contd. of p	oag
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/wa	ter): Not determined.	
Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Solvent content:		
Organic solvents:	5.6 %	
Water:	73.8 %	
VOC content:	5.63 %	
	56.3 g/l / 0.47 lb/gal	
Solids content:	20.0 %	
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:

Acute toxi	Acute watery.		
· LD/LC50	· LD/LC50 values that are relevant for classification:		
141-43-5 2	?-aminoeth	anol	
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)	

(Contd. on page 7)

Printing date 02/18/2020 Reviewed on 02/18/2020

Trade name: Color Touch 10/01

		(Contd. of pag
100-51-6 E	Benzyl alco	hol
Oral	LD50	1,620 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/l (rat)
7757-82-6	Sodium Si	ulfate
Oral	LD50	5,989 mg/kg (mouse)
		>2,000 mg/kg (rat) (bw (OECD 423))
Inhalative	LC50/4 h	>2.4 mg/l (rat) (air (OECD 436))
615-50-9 2	-methyl-p-	phenylenediamine sulphate
Oral	LD50	102 mg/kg (rat) (bw)
Dermal	LD50	1,100 mg/kg (rabbit)
Inhalative	LC50/4 h	1.77 mg/l (rat) (air (QSAR))
2871-01-4	Ethanol, 2	?-[(4-amino-2-nitrophenyl)amino]-
Oral	LD50	2,950 mg/kg (rat) (bw)
2835-95-2	5-amino-a	p-cresol
Oral	LD50	3,600 mg/kg (rat) (bw)
6358-09-4	Phenol, 2-	-amino-6-chloro-4-nitro-
Oral	LD50	2,001 mg/kg (rat)
2-Methylre	esorcinol	
Oral	LD50	100 mg/kg (rat)

- 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: 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

,	rnational Agency for Research on Cancer)	
	Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-	3
5989-27-5	Limonene	3
	benzyl acetate	3
91-64-5	Coumarin	3
· NTP (Natio	onal 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.

(Contd. on page 8)

Reviewed on 02/18/2020 Printing date 02/18/2020

Trade name: Color Touch 10/01

· Additional ecological information:

(Contd. of page 7)

- · 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

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

- · 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.

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
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex I MARPOL73/78 and the IBC Code	II of Not applicable.
UN "Model Regulation":	not regulated

15 Regulatory information

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

· Sec	tion 355 (extremely hazardous substances):
Nor	ne of the ingredients is listed.
· Sec	tion 313 (Specific toxic chemical listings):
Nor	ne of the ingredients is listed.
· TSO	CA (Toxic Substances Control Act):

	· TSCA (Toxic	Substances Control Act):	
I	7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
I	67762-27-0	Cetearyl Alcohol	ACTIVE
I	141-43-5	2-aminoethanol	<i>ACTIVE</i>

(Contd. on page 9)

Printing date 02/18/2020 Reviewed on 02/18/2020

Trade name: Color Touch 10/01

69420 50 0	Alcohola C12 14 athornists d	(Contd. of page ACTIVE
	Alcohols, C12-14, ethoxylated	
	Sodium Laureth Sulfate	ACTIVE
	Glyceryl Stearate SE	ACTIVE
	Benzyl alcohol	ACTIVE
	Sodium Sulfate	ACTIVE
	2-methyl-p-phenylenediamine sulphate	ACTIVE
	1-Tetradecanol, 2-decyl-	ACTIVE
	sodium dodecyl sulphate	ACTIVE
8012-89-3		ACTIVE
	Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-	ACTIVE
	sodium sulphite	ACTIVE
	5-amino-o-cresol	ACTIVE
	ascorbic acid	ACTIVE
	Phenol, 2-amino-6-chloro-4-nitro-	INACTIV
	sodium hydroxide	ACTIVE
2809-21-4	I-hydroxyethane-1,1-diylbis(phosphonic acid)	ACTIVE
	2-Methylresorcinol	ACTIVE
69430-36-0	Hydrolyzed keratin	ACTIVE
25265-71-8	Dipropylene glycol (isomer unspecified)	ACTIVE
88-41-5	2-tert-butylcyclohexyl acetate	ACTIVE
18479-58-8	Dihydromyrcenol	ACTIVE
90-15-3	1-naphthol	ACTIVE
74338-72-0	2,4,4,7-tetramethyl-6-octen-3-one	ACTIVE
101-86-0	Hexyl cinnamal	ACTIVE
	(12E)-1-oxacyclohexadec-12-en-2-one	ACTIVE
	linalyl acetate	ACTIVE
	tetrahydrolinalool	ACTIVE
	Air Pollutants	
	ngredients is listed.	
Proposition		
	nown to cause cancer:	
	ngredients is listed.	
	nown to cause reproductive toxicity for females:	
	ngredients is listed.	
	nown to cause reproductive toxicity for males:	
None of the i	ngredients is listed.	
Chemicals k	nown to cause developmental toxicity:	
None of the i	ngredients is listed.	
- Carcinogeni	c categories	
	onmental Protection Agency)	
*	ngredients is listed.	
	hold Limit Value established by ACGIH)	
TLV (Thresi		1
140-11-4 be		A
TLV (Thresh 140-11-4 be 127-91-3 be	ta-Pinene	A A
TLV (Thresh 140-11-4 be 127-91-3 be NIOSH-Ca (

Printing date 02/18/2020 Reviewed on 02/18/2020

Trade name: Color Touch 10/01

(Contd. of page 9)

· GHS label elements

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

· Hazard pictograms





GHS05

GHS07

· Signal word Danger

· Hazard-determining components of labeling:

2-aminoethanol

Sodium Laureth Sulfate

2-methyl-p-phenylenediamine sulphate

Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-

5-amino-o-cresol

Phenol, 2-amino-6-chloro-4-nitro-

2-Methylresorcinol

· Hazard statements

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

· Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

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 or rash occurs: Get medical advice/attention.

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 02/18/2020 / -
- · 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

(Contd. on page 11)

Printing date 02/18/2020 Reviewed on 02/18/2020

Trade name: Color Touch 10/01

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit

Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1

(Contd. of page 10)