Printing date 11/23/2021

Reviewed on 05/27/2019

1 Identification

- · Product identifier
- · Trade name: Clairol Professional Liquicolor Permanente Family SDS
- · Article number: 99314327, 315000021106
- *Application of the substance / the mixture Hair coloring product Cosmetic product*
- Details of the supplier of the safety data sheet
 Manufacturer/Supplier:
 Wella International Operations Switzerland Sàrl, Chemin Louis-Hubert 1-3, 1213 Petit-Lancy, Switzerland
- · Information department: Wella SDS Info Team
- Emergency telephone number: CHEMTREC Emergency number: +1-704-741-5970 CHEMTREC: +1 703-741-5970

2 Hazard(s) identification

· Classification of the substance or mixture

GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.

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



· Signal word Danger

Hazard-determining components of labeling:
2-aminoethanol
Polyethylene glycol monooleyl ether
Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides
Alcohols, C12-15, ethoxylated
2-methylresorcinol
3-methyl-1-phenyl-5-pyrazolone

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	(Contd. of page 1)
· Hazard statements	
Flammable liquid and vapor.	
Causes skin irritation.	
Causes serious eye damage.	
May cause an allergic skin reaction.	
· Precautionary statements	
Keep away from heat/sparks/open flames/hot surfaces No smoking.	
Keep container tightly closed.	
Ground/bond container and receiving equipment.	
Use explosion-proof electrical/ventilating/lighting/equipment.	
Use only non-sparking tools.	
Take precautionary measures against static discharge.	
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/protective clothing/eye protection/face protection.	
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/show	er.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if prese	nt 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.	
In case of fire: Use CO2, powder or water spray to extinguish.	
Store in a well-ventilated place. Keep cool.	
Dispose of contents/container in accordance with local/regional/national/international regulational	ons.
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:	
9004-98-2	Polyethylene glycol monooleyl ether	>2.5-<10%
57-55-6	Propylene glycol	>2.5-≤10%
67-63-0	isopropyl alcohol	>2.5-<10%
141-43-5	2-aminoethanol	≥5-≤10%
68131-39-5	Alcohols, C12-15, ethoxylated	≥3-≤10%
111-90-0	Diethylene glycol monoethyl ether	>2.5-≤10%
61790-41-8	Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides	≥3-<10%
	2-methylpentane-2,4-diol	>2.5-<10%
7664-41-7	ammonia, anhydrous	≥1-≤2.5%
608-25-3	2-methylresorcinol	≥0.1-<1%
89-25-8	3-methyl-1-phenyl-5-pyrazolone	≥0.1-<1%

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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.
- · Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

5 Fire-fighting measures

· Extinguishing media

- · Suitable extinguishing agents:
- CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- · 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

· PAC-1:	
57-55-6 Propylene glycol	$30 mg/m^3$
67-63-0 isopropyl alcohol	400 ppm
141-43-5 2-aminoethanol	6 ppm
111-90-0 Diethylene glycol monoethyl ether	75 ppm
107-41-5 2-methylpentane-2,4-diol	2.3 ppm
7664-41-7 ammonia, anhydrous	30 ppm
151-21-3 sodium dodecyl sulphate	3.9 mg/m ³
89-25-8 3-methyl-1-phenyl-5-pyrazolone	11 mg/m ³
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7757 02 7	and diam and white	(Contd. of page
	sodium sulphite	11 mg/m ³
	edetic acid	4.1 mg/m ³
5989-27-5		15 ppm
	1-naphthol	2.2 mg/m ³
	Coumarin	0.88 mg/m
	sodium hydroxide	$0.5 \ mg/m^3$
PAC-2:		
	Propylene glycol	1,300 mg/m
	isopropyl alcohol	2000* ppm
141-43-5	2-aminoethanol	170 ppm
111-90-0	Diethylene glycol monoethyl ether	100 ppm
107-41-5	2-methylpentane-2,4-diol	25 ppm
7664-41-7	ammonia, anhydrous	160 ppm
151-21-3	sodium dodecyl sulphate	43 mg/m^3
89-25-8	3-methyl-1-phenyl-5-pyrazolone	120 mg/m ³
7757-83-7	sodium sulphite	120 mg/m ³
60-00-4	edetic acid	45 mg/m^3
5989-27-5	Limonene	67 ppm
90-15-3	1-naphthol	25 mg/m ³
91-64-5	Coumarin	9.7 mg/m ³
1310-73-2	sodium hydroxide	5 mg/m ³
PAC-3:	L	
57-55-6	Propylene glycol	7,900 mg/m ³
	isopropyl alcohol	12000** ppi
	2-aminoethanol	1,000 ppm
111-90-0	Diethylene glycol monoethyl ether	450 ppm
	2-methylpentane-2,4-diol	150 ppm
	ammonia, anhydrous	1,100 ppm
	sodium dodecyl sulphate	260 mg/m^3
	3-methyl-1-phenyl-5-pyrazolone	690 mg/m ³
	sodium sulphite	710 mg/m ³
	edetic acid	200 mg/m ³
5989-27-5		170 ppm
	1-naphthol	450 mg/m ³
	Coumarin	58 mg/m ³
	sodium hydroxide	50 mg/m ³

7 Handling and storage

- · Handling:
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

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- *Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.*
- · 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: 3
- 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.

57-55-0	6 Propylene glycol
WEEL	Long-term value: 10 mg/m ³
67-63-0) isopropyl alcohol
PEL	Long-term value: 980 mg/m ³ , 400 ppm
REL	Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm
TLV	Short-term value: 400 ppm Long-term value: 200 ppm BEI, A4
141-43	-5 2-aminoethanol
PEL	Long-term value: 6 mg/m ³ , 3 ppm
REL	Short-term value: 15 mg/m³, 6 ppm Long-term value: 8 mg/m³, 3 ppm
TLV	Short-term value: 6 ppm Long-term value: 3 ppm
111-90	-0 Diethylene glycol monoethyl ether
WEEL	Long-term value: 25 ppm
107-41	-5 2-methylpentane-2,4-diol
REL	Ceiling limit value: 125 mg/m ³ , 25 ppm
TLV	Short-term value: 50* 10** ppm Long-term value: 25* ppm *vapor **inh. fraction, aerosol only
7664-4	1-7 ammonia, anhydrous
PEL	Long-term value: 35 mg/m ³ , 50 ppm
REL	Short-term value: 27 mg/m ³ , 35 ppm
	Long-term value: 18 mg/m ³ , 25 ppm
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TLV	Short-term value: 35 ppm Long-term value: 25 ppm
-	
	edients with biological limit values:
	3-0 isopropyl alcohol
BEI	40 mg/L Medium: urine
	Time: end of shift at end of workweek
	Parameter: Acetone (background, nonspecific)
Add	itional information: The lists that were valid during the creation were used as basis.
Exp	osure controls
	onal protective equipment:
	eral protective and hygienic measures:
	away from foodstuffs, beverages and feed.
	ediately remove all soiled and contaminated clothing.
	h hands before breaks and at the end of work. I contact with the skin.
	d contact with the eyes and skin.
	ithing equipment:
	use of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure u
	iratory protective device that is independent of circulating air.
Prot	ection of hands:
Chu.	Protective gloves
Due	glove material has to be impermeable and resistant to the product/ the substance/ the preparation. to missing tests no recommendation to the glove material can be given for the product/ the preparation/ th nical mixture.
Sele	ction of the glove material on consideration of the penetration times, rates of diffusion and the degradation erial of gloves
varie the g	selection of the suitable gloves does not only depend on the material, but also on further marks of quality ar es from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance glove material can not be calculated in advance and has therefore to be checked prior to the application.
The	e tration time of glove material exact break through time has to be found out by the manufacturer of the protective gloves and has to b rved.
	protection:
	Tightly sealed goggles
Ph	sical and chemical properties
- ny	

· General Information

Appearance: Form: Color:

· Odor:

Fluid According to product specification Characteristic

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Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. Undetermined.
Flash point:	35 °C (95 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	371 °C (699.8 °F)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapo mixtures are possible.
Explosion limits: Lower: Upper:	Not determined. Not determined.
Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
Density: Relative density Vapor density Evaporation rate	Not determined. Not determined. Not determined. Not determined.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wate	er): Not determined.
Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
Solvent content: Organic solvents: Water: VOC content:	30.0 % 30.7 % 20.75 % 207.5 g/l / 1.73 lb/gal
Solids content:	1.2 %
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.

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• *Hazardous decomposition products:* No dangerous decomposition products known.

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Informat		pological affects
Acute toxi		cological effects
	•	t are relevant for classification:
57-55-6 Pi		
Oral	LD50	20,000 mg/kg (rat)
Dermal	LD50	20,800 mg/kg (rabbit)
67-63-0 is	opropyl alc	cohol
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))
141-43-52	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)
111-90-01	Diethylene	glycol monoethyl ether
Oral	LD50	5,500 mg/kg (rat)
Dermal	LD50	8,500 mg/kg (rabbit)
61790-41-	8 Quatern	ary ammonium compounds, trimethylsoyaalkyl, chlorides
Oral	LD50	500 mg/kg (rat)
107-41-52	2-methylpe	ntane-2,4-diol
Oral	LD50	3,700 mg/kg (rat)
Dermal	LD50	8,560 mg/kg (rabbit)
7664-41-7	'ammonia,	anhydrous
Oral	LD50	350 mg/kg (rat)
Inhalative	LC50/4 h	2,000 mg/l (rat)
608-25-3 2	2-methylre	sorcinol
Oral	LD50	200 mg/kg (rat)
89-25-8 3-	• •	ohenyl-5-pyrazolone
Oral		1,915 mg/kg (rat)
on the eye Sensitizati Additional	n: Irritant i : Strong irr on: Sensiti I toxicolog	c t: to skin and mucous membranes. ritant with the danger of severe eye injury. zation possible through skin contact. ical information: te following dangers according to internally approved calculation methods for preparation
Carcinoga	nic catego	ries

5989-27-5 Limonene

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91-64-5 Coumarin

97-53-0 Eugenol

· 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.

Transport information		
UN-Number DOT, IMDG, IATA	UN1266	
UN proper shipping name		
DOT	Perfumery products	
IMDG, IATA	PERFUMERY PRODUCTS	

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Traue nume.	Ciunoi 1 rojessiona	i Liguicoioi .	1 ci munchic	1 amay 505

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Transport hazard class(es)	
DOT	
R MINIS E COLOR	
Class	3 Flammable liquids
Label	3
IMDG, IATA	
Class	3 Flammable liquids
Class Label	3 Flammable liquids 3
	-
Packing group DOT, IMDG, IATA	III
Environmental hazards:	Not applicable.
Special precautions for user Hazard identification number (Kemler code): EMS Number: Segregation groups	Warning: Flammable liquids 30 F-E, <u>S-E</u> Alkalis
Stowage Category	A
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1266 PERFUMERY PRODUCTS, 3, III

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara

• Section 355 (extremely hazardous substances):

7664-41-7 ammonia, anhydrous

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	(Contd. of page
Section 313 (Specific toxic chemical listings):	
67-63-0 isopropyl alcohol	
111-90-0 Diethylene glycol monoethyl ether	
7664-41-7 ammonia, anhydrous	
· TSCA (Toxic Substances Control Act):	
All components have the value ACTIVE.	
· Hazardous Air Pollutants	
None of the ingredients is listed.	
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.	
• EPA (Environmental Protection Agency) None of the ingredients is listed.	
• TLV (Threshold Limit Value)	
67-63-0 isopropyl alcohol	A
·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 • Hazard pictograms 	v Harmonized System (GHS).
GHS02 GHS05 GHS07	
Signal word Danger	
• Hazard-determining components of labeling: 2-aminoethanol Polyethylene glycol monooleyl ether Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides Alcohols, C12-15, ethoxylated 2-methylresorcinol 2 methyl Lowerd 5 memoryland	
3-methyl-1-phenyl-5-pyrazolone • Hazard statements	
Flazara statements Flammable liquid and vapor.	

Flammable liquid and vapor. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction.

• **Precautionary statements** Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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(Contd. of page 11) Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. 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/protective clothing/eve protection/face protection.* If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep cool. 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 11/23/2021 / -

• Abbreviations and acronyms: ADR: Accord relatif au transport international 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 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) 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 Flam. Liq. 3: Flammable liquids – Category 3 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