

1 Identification

- **Product identifier**
- **Trade name:** Clairol Professional Zero Ammonia Permanent Liquid Color Family SDS
- **Other means of identification**
- **Article number:**
 - 315003003124 Clairol Professional Zero Ammonia Permanent Liquid Color 1B
 - 315003003431 Clairol Professional Zero Ammonia Permanent Liquid Color 1N
 - 315003003436 Clairol Professional Zero Ammonia Permanent Liquid Color 2BB
 - 315003003433 Clairol Professional Zero Ammonia Permanent Liquid Color 2N
 - 315003003562 Clairol Professional Zero Ammonia Permanent Liquid Color 3N
 - 315003003565 Clairol Professional Zero Ammonia Permanent Liquid Color 4R
 - 315003003720 Clairol Professional Zero Ammonia Permanent Liquid Color 4RV
 - 315003003434 Clairol Professional Zero Ammonia Permanent Liquid Color 5G
 - 315003003432 Clairol Professional Zero Ammonia Permanent Liquid Color 6R
 - 315003003435 Clairol Professional Zero Ammonia Permanent Liquid Color 8RO
 - 315003003561 Clairol Professional Zero Ammonia Permanent Liquid Color 6G
- **Application of the substance / the mixture** Hair color
- **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
 - sds_info@wella.com
- **Emergency telephone number:**
 - CHEMTREC Emergency number: +1 703-527-3887
 - CHEMTREC EMERGENCY Number: +1 703-741-5970

2 Hazard identification

- **Classification of the substance or mixture**



GHS05 Corrosion

Eye damage/irritation – Category 1 H318 Causes serious eye damage.



GHS07

Skin Irritation - Category 2

H315 Causes skin irritation.

Sensitization - skin – Category 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).

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Hazard pictograms


GHS05 GHS07

Signal word Danger

Hazard-determining components of labeling:

2-[2-(dodecyloxy)ethoxy]ethanol
 2-aminoethanol
 2-methyl-p-phenylenediamine sulphate
 Dicetyldimonium Chloride
 N, N-Bis(2-hydroxyethyl)-p-phenylenediamine sulfate
 4-(2-Hydroxyethyl)amino-1,2-methylenedioxybenzol-Hydrochlorid

Hazard statements

Causes skin irritation.
 Causes serious eye damage.
 May cause an allergic skin reaction.

Precautionary statements

If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Read carefully and follow all instructions.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Wash thoroughly after handling.
 Contaminated work clothing should 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.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

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-<13% w/w *
3055-93-4	2-[2-(dodecyloxy)ethoxy]ethanol	10% w/w
57-55-6	Propylene glycol	5-10% w/w *
124-68-5	Aminomethyl Propanol	3-7% w/w *
107-41-5	2-methylpentane-2,4-diol	1-5% w/w *
141-43-5	2-aminoethanol	≥1-<5% w/w *
1812-53-9	Dicetyldimonium Chloride	≥1-<5% w/w *
615-50-9	2-methyl-p-phenylenediamine sulphate	1-5% w/w *
54381-16-7	N, N-Bis(2-hydroxyethyl)-p-phenylenediamine sulfate	≥1-<1.5% w/w *

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108-46-3	resorcinol	$\geq 0.1 - < 1\%$ w/w *
66422-95-5	2,4-DIAMINOPHENOXYETHANOL HCL	$\geq 0.1 - < 1\%$ w/w *
94158-14-2	4-(2-Hydroxyethyl)amino-1,2-methylenedioxybenzol-Hydrochlorid	$\leq 0.1\%$ w/w

* Actual concentration ranges are withheld as a trade secret.

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Immediately remove any clothing soiled by the product.
Personal protection for the First Aider.
- **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.
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
Symptomatic treatment (decontamination, vital functions)
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:**
Dilute with plenty of water.
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 section 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.

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7 Handling and storage

- **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

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

57-55-6 Propylene glycol

EV TWA: 155* 10** mg/m³, 50* ppm
*vapour and aerosol; **aerosol only

107-41-5 2-methylpentane-2,4-diol

EL Ceiling: 25 ppm
EV Ceiling: 120 mg/m³, 25 ppm

141-43-5 2-aminoethanol

EL STEL: 6 ppm
TWA: 3 ppm
EV STEL: 15 mg/m³, 6 ppm
TWA: 7.5 mg/m³, 3 ppm

108-46-3 resorcinol

EL STEL: 20 ppm
TWA: 10 ppm
EV STEL: 90 mg/m³, 20 ppm
TWA: 45 mg/m³, 10 ppm

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

- **Exposure controls**

- **Appropriate engineering controls** No further data; see section 7.

- **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.

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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

Body protection: Protective work clothing

9 Physical and chemical properties

Information on basic physical and chemical properties
General Information

Physical state	Liquid
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not determined
Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	Undetermined
Flammability:	Not applicable
Explosion limits:	
Lower:	2.9 Vol %
Upper:	12.6 Vol %
Flash point:	Not applicable
Auto igniting:	260 °C
Decomposition temperature:	Not determined
pH-value at 20 °C:	9.5-10.5
Viscosity:	
Kinematic:	Not determined
Dynamic:	Not determined
Solubility in / Miscibility with	
Water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined
Vapor pressure at 20 °C:	23 hPa

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- **Vapor pressure:**
- **Density:** Not determined
- **Relative density** Not determined
- **Vapor density** Not determined
- **Particle characteristics** Not applicable
- **Other information**
- **Appearance:**
- **Form:** Viscous
- **Important information on protection of health and environment, and on safety.**
- **Ignition temperature:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Solvent content:**
- **Organic solvents:** 29.9 %
- **Water:** 30.1 %
- **Solids content:** 17.8 %
- **Change in condition**
- **Evaporation rate** Not determined

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)

3055-93-4 2-[2-(dodecyloxy)ethoxy]ethanol

Oral	LD50	>2,000 mg/kg (rat)
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57-55-6 Propylene glycol

Oral	LD50	20,000 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))

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107-41-5 2-methylpentane-2,4-diol		
Oral	LD50	3,700 mg/kg (rat)
Dermal	LD50	8,560 mg/kg (rabbit)
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)
615-50-9 2-methyl-p-phenylenediamine sulphate		
Oral	LD50	183 mg/kg (rat) (bw)
Dermal	LD50	1,100 mg/kg (rabbit)
Inhalative	LC50/4 h	1.77 mg/l (rat) (air (QSAR))
54381-16-7 N, N-Bis(2-hydroxyethyl)-p-phenylenediamine sulfate		
Oral	LD50	107 mg/kg (rat)
Dermal	LD50	mg/kg (rat)
Inhalative	LC50/4 h	mg/l (rat)
108-46-3 resorcinol		
Oral	LD50	500 mg/kg (ATE) 301 mg/kg (rat) (bw (OECD 401))
Dermal	LD50	2,830 mg/kg (rabbit) (bw)
Inhalative	LC50/4 h	>7.8 mg/l (rat) (air)
66422-95-5 2,4-DIAMINOPHENOXYETHANOL HCL		
Oral	LD50	1,000 mg/kg (rat)
94158-14-2 4-(2-Hydroxyethyl)amino-1,2-methylenedioxybenzol-Hydrochlorid		
Oral	LD50	850 mg/kg (mouse) 1,550 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**

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

108-46-3	resorcinol	3
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· **NTP (National Toxicology Program)**

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.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

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- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable

- **vPvB:** Not applicable

- **Other adverse effects**

- **Additional ecological information:**

- **General notes:**

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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

Danger to drinking water if even extremely small quantities leak into the ground.

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.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **UN-Number**

- **DOT/TDG**

not regulated

- **ADR, IMDG, IATA**

UN3082

- **UN proper shipping name**

- **DOT/TDG**

not regulated

- **ADR**

3082 Environmentally hazardous substance, liquid, n.o.s. (Dicetyldimonium Chloride, 2-[2-(dodecyloxy)ethoxy]ethanol)

- **IMDG**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dicetyldimonium Chloride, 2-[2-(dodecyloxy)ethoxy]ethanol), MARINE POLLUTANT

- **IATA**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dicetyldimonium Chloride, 2-[2-(dodecyloxy)ethoxy]ethanol)

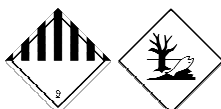
- **Transport hazard class(es)**

- **DOT/TDG (Transport dangerous goods):**

- **Class**

not regulated

- **ADR, IMDG, IATA**



- **Class**

9 Miscellaneous dangerous substances and articles

- **Label**

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· Packing group · DOT/TDG · ADR, IMDG, IATA	not regulated III
· Environmental hazards: · Marine pollutant: · Special marking (ADR): · Special marking (IATA):	Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree)
· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable
· Transport/Additional information:	
· ADR · Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Segregation groups · Stowage Category	Warning: Miscellaneous dangerous substances and articles 90 F-A,S-F (SGG18) Alkalis A
· UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DICETYLDIMONIUM CHLORIDE, 2-[2-(DODECYLOXY)ETHOXY] ETHANOL), 9, 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):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

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

7732-18-5	Wasser	ACTIVE
112-80-1	Oleic Acid	ACTIVE
110-98-5	Dipropylene glycol	ACTIVE
3055-93-4	2-[2-(dodecyloxy)ethoxy]ethanol	ACTIVE
57-55-6	Propylene glycol	ACTIVE

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124-68-5	Aminomethyl Propanol	ACTIVE
107-41-5	2-methylpentane-2,4-diol	ACTIVE
141-43-5	2-aminoethanol	ACTIVE
615-50-9	2-methyl-p-phenylenediamine sulphate	ACTIVE
54381-16-7	N, N-Bis(2-hydroxyethyl)-p-phenylenediamine sulfate	ACTIVE
108-46-3	resorcinol	ACTIVE
178949-82-1	EDDS	ACTIVE
591-27-5	3-aminophenol	ACTIVE
7757-83-7	sodium sulphite	ACTIVE
66422-95-5	2,4-DIAMINOPHENOXYETHANOL HCL	ACTIVE
50-81-7	ascorbic acid	ACTIVE
90-15-3	1-naphthol	ACTIVE
139-33-3	Disodium EDTA	ACTIVE
8001-25-0	Olive oil	ACTIVE

· Canadian substance listings:
· Canadian Domestic Substances List (DSL)

7732-18-5	Wasser
112-80-1	Oleic Acid
110-98-5	Dipropylene glycol
57-55-6	Propylene glycol
124-68-5	Aminomethyl Propanol
107-41-5	2-methylpentane-2,4-diol
141-43-5	2-aminoethanol
1812-53-9	Dicetyldimonium Chloride
54381-16-7	N, N-Bis(2-hydroxyethyl)-p-phenylenediamine sulfate
108-46-3	resorcinol
178949-82-1	EDDS
591-27-5	3-aminophenol
7757-83-7	sodium sulphite
66422-95-5	2,4-DIAMINOPHENOXYETHANOL HCL
50-81-7	ascorbic acid
90-15-3	1-naphthol
139-33-3	Disodium EDTA
8001-25-0	Olive oil

· Canadian Non-Domestic Substances List (NDSL)

3055-93-4	2-[2-(dodecyloxy)ethoxy]ethanol
615-50-9	2-methyl-p-phenylenediamine sulphate

· Canadian Ingredient Disclosure list (limit 0.1%)

591-27-5	3-aminophenol
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· Canadian Ingredient Disclosure list (limit 1%)

112-80-1	Oleic Acid
57-55-6	Propylene glycol
107-41-5	2-methylpentane-2,4-diol

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141-43-5 2-aminoethanol

Per- and polyfluoroalkyl substances (PFAS)

None of the ingredients is listed.

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-[2-(dodecyloxy)ethoxy]ethanol

2-aminoethanol

2-methyl-p-phenylenediamine sulphate

Dicetyldimonium Chloride

N, N-Bis(2-hydroxyethyl)-p-phenylenediamine sulfate

4-(2-Hydroxyethyl)amino-1,2-methylenedioxybenzol-Hydrochlorid

Hazard statements

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Contaminated work clothing should 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.

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: SDS Info Team

Contact: Hr. Dr. Speckbacher

Date of previous version 01/17/2026

Date of preparation 02/04/2026

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

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*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)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative*

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