

1 Identification

- **Product identifier**
- **Trade name:** Wella colorcharm RootXPERT 10 Permanent Color Family SDS
- **Other means of identification**
- **Article number:**
 - 315003004285 Wella colorcharm RootXPERT 10 Permanent Color 2N
 - 315003004286 Wella colorcharm RootXPERT 10 Permanent Color 3N
 - 315003004287 Wella colorcharm RootXPERT 10 Permanent Color 4N
 - 315003004304 Wella colorcharm RootXPERT 10 Permanent Color 5N
 - 315003004288 Wella colorcharm RootXPERT 10 Permanent Color 6N
 - 315003003742 Wella colorcharm RootXPERT 10 Permanent Color 7N
 - 315003004305 Wella colorcharm RootXPERT 10 Permanent Color 8N
 - 315003004289 Wella colorcharm RootXPERT 10 Permanent Color 9N
 - 315003003783 Wella colorcharm RootXPERT 10 Permanent Color 10N
 - 315003007419 Wella colorcharm RootXPERT 10 Permanent Color 6NB
 - 315003004301 Wella colorcharm RootXPERT 10 Permanent Color 7A
 - 315003007218 Wella colorcharm RootXPERT 10 Permanent Color 8GA
 - 315003006930 Wella colorcharm RootXPERT 10 Permanent Color 4RG
- **Application of the substance / the mixture** 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
 - sds_info@wella.com
- **Emergency telephone number:**
 - CHEMTREC Emergency number: +1 703-527-3887
 - CHEMTREC: +1 703-741-5970

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS05 Corrosion

Eye damage 1 H318 Causes serious eye damage.



GHS07

Skin irritation 2 H315 Causes skin irritation.
Sensitization - skin 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:

sodium hydroxide
 1,4-Diamino-2-(methoxymethyl)-benzene
 1-Hexadecanol, 1,1'-(hydrogen phosphate)
 4-(2-Hydroxyethyl)amino-1,2-methylenedioxybenzol-Hydrochlorid
 4-aminophenol
 5-amino-o-cresol
 2-methylresorcinol
 N, N-Bis(2-hydroxyethyl)-p-phenylenediamine sulfate

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.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Classification according to (d)(1)(ii) of § 1910.1200

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

Hazards not otherwise classified

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

57-55-6	Propylene glycol	5-10%
1310-73-2	sodium hydroxide	≥2-<5%

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337906-36-2	1,4-Diamino-2-(methoxymethyl)-benzene	≥1-<1.5%
2197-63-9	1-Hexadecanol, 1,1'-(hydrogen phosphate)	≥1-<1.5%
94158-14-2	4-(2-Hydroxyethyl)amino-1,2-methylenedioxybenzol-Hydrochlorid	≥0.1-<1%
123-30-8	4-aminophenol	≥0.1-<1%
2835-95-2	5-amino-o-cresol	≥0.1-<1%
608-25-3	2-methylresorcinol	≥0.1-<1%
54381-16-7	N, N-Bis(2-hydroxyethyl)-p-phenylenediamine sulfate	≥0.1-<1%

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.
- **Protective Action Criteria for Chemicals**

- **PAC-1:**

506-87-6	diammonium carbonate	0.31 mg/m3
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57-55-6	Propylene glycol	30 mg/m3
1310-73-2	sodium hydroxide	0.50 mg/m3
9005-00-9	Steareth-2	5.7 mg/m3
591-27-5	3-aminophenol	0.62 mg/m3
7757-83-7	sodium sulphite	11 mg/m3
139-33-3	Disodium EDTA	6.0 mg/m3
90-15-3	1-naphthol	0.18 mg/m3

· PAC-2:

506-87-6	diammonium carbonate	3.5 mg/m3
57-55-6	Propylene glycol	1300 mg/m3
1310-73-2	sodium hydroxide	5.0 mg/m3
9005-00-9	Steareth-2	63 mg/m3
591-27-5	3-aminophenol	6.8 mg/m3
7757-83-7	sodium sulphite	120 mg/m3
139-33-3	Disodium EDTA	66 mg/m3
90-15-3	1-naphthol	1.9 mg/m3

· PAC-3:

506-87-6	diammonium carbonate	21 mg/m3
57-55-6	Propylene glycol	7900 mg/m3
1310-73-2	sodium hydroxide	50 mg/m3
9005-00-9	Steareth-2	380 mg/m3
591-27-5	3-aminophenol	41 mg/m3
7757-83-7	sodium sulphite	710 mg/m3
139-33-3	Disodium EDTA	400 mg/m3
90-15-3	1-naphthol	12 mg/m3

· 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.

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.

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8 Exposure controls/personal protection

- 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.

57-55-6 Propylene glycol

WEEL	Long-term value: 10 mg/m ³
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1310-73-2 sodium hydroxide

PEL	Long-term value: 2 mg/m ³
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REL	Ceiling limit value: 2 mg/m ³
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TLV	Ceiling limit value: 2 mg/m ³
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- 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.

- 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

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· **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:	Not determined
· Upper:	Not determined
· Flash point:	Not applicable
· Auto igniting:	371 °C (699.8 °F)
· Decomposition temperature:	Not determined
· pH-value at 20 °C (68 °F):	8-9.5
· 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 (68 °F):	23 hPa (17.3 mm Hg)
· 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:	8.0 %
· Water:	64.1 %
· VOC content:	0.00 %
	0.0 g/l / 0.00 lb/gal
· Solids content:	27.7 %
· Change in condition	
· Evaporation rate	Not determined

10 Stability and reactivity

· **Reactivity** No further relevant information available.

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- **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:**

57-55-6 Propylene glycol

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

1310-73-2 sodium hydroxide

Oral	LD50	mg/kg (rat)
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337906-36-2 1,4-Diamino-2-(methoxymethyl)-benzene

Oral	LD50	>150 mg/kg (rat) (bw (Guideline not indicated; rat; weight of eviden)
Dermal	LD50	431 mg/kg (rabbit) (bw (Calculated value; kinetic based calculation; r)
Inhalative	LC50/4 h	1.27 mg/l (rat)

94158-14-2 4-(2-Hydroxyethyl)amino-1,2-methylenedioxybenzol-Hydrochlorid

Oral	LD50	850 mg/kg (mouse)
		1,550 mg/kg (rat)

123-30-8 4-aminophenol

Oral	LD50	500 mg/kg (rat)
Dermal	LD50	>8,000 mg/kg (rabbit) (bw (//US EPA OPPTS 870.1200))

2835-95-2 5-amino-o-cresol

Oral	LD50	3,600 mg/kg (rat) (bw)
Dermal	LD50	mg/kg (rabbit)

608-25-3 2-methylresorcinol

Oral	LD50	200 mg/kg (rat)
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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)

- **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
- **Interactive effects** No interactive effects between components are known.

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- **Carcinogenic categories**

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

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

- **Alternative sources for toxicological information**

No non-standard sources for toxicological information where used.

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.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable

- **vPvB:** Not applicable

- **Other adverse effects**

- **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.

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, IMDG, IATA** not regulated

- **UN proper shipping name**

- **DOT, ADN, IMDG, IATA** not regulated

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- | | |
|---|----------------|
| · Transport hazard class(es) | |
| · DOT, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | |
| · DOT, IMDG, IATA | not regulated |
| · Environmental hazards: | Not applicable |
| · Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable |
| · Special precautions for user | 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):**

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
506-87-6	diammonium carbonate	ACTIVE
57-55-6	Propylene glycol	ACTIVE
67762-27-0	Cetearyl Alcohol	ACTIVE
56-40-6	Glycine	ACTIVE
1310-73-2	sodium hydroxide	ACTIVE
50-81-7	ascorbic acid	ACTIVE
2197-63-9	1-Hexadecanol, 1,1'-(hydrogen phosphate)	ACTIVE
9005-00-9	Steareth-2	ACTIVE
123-30-8	4-aminophenol	ACTIVE
591-27-5	3-aminophenol	ACTIVE
7757-83-7	sodium sulphite	ACTIVE
2835-95-2	5-amino-o-cresol	ACTIVE
178949-82-1	EDDS	ACTIVE
11138-66-2	Xanthan Gum	ACTIVE
608-25-3	2-methylresorcinol	ACTIVE
54381-16-7	N, N-Bis(2-hydroxyethyl)-p-phenylenediamine sulfate	ACTIVE
139-33-3	Disodium EDTA	ACTIVE
90-15-3	1-naphthol	ACTIVE
66422-95-5	2,4-DIAMINOPHENOXYETHANOL HCL	ACTIVE

- **Hazardous Air Pollutants**

None of the ingredients is listed.

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· 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.

· Carcinogenic categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

· TLV (Threshold Limit Value)

None of the ingredients is listed.

· 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 Harmonized System (GHS).

· Hazard pictograms



GHS05 GHS07

· Signal word Danger

· Hazard-determining components of labeling:

sodium hydroxide

1,4-Diamino-2-(methoxymethyl)-benzene

1-Hexadecanol, 1,1'-(hydrogen phosphate)

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

4-aminophenol

5-amino-o-cresol

2-methylresorcinol

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

· 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.

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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** 09/09/2025

· **Date of preparation** 05/29/2026

· **Abbreviations and acronyms:**

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

Skin irritation 2: Skin corrosion/irritation – Category 2

Eye damage 1: Serious eye damage/eye irritation – Category 1

Sensitization - skin 1: Skin sensitisation – Category 1