

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/29/2021

Reviewed on 01/25/2021

1 Identification

- **Product identifier**
- **Trade name:** Clairol Professional Beautiful Collection B18D DARKEST BROWN 320259
- **Article number:** 96886686, 315000011955
- **Application of the substance / the mixture** Hair coloring 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**



GHS07

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**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labeling:**
Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-
2,2'-[[4-[(2-hydroxyethyl)amino]-3-nitrophenyl]imino]bisethanol
Disperse Violet 1
- **Hazard statements**
May cause an allergic skin reaction.
- **Precautionary statements**
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.
If on skin: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
Wash contaminated clothing before reuse.
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.

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

111-90-0	Diethylene glycol monoethyl ether	>2.5-≤10%
124-68-5	Aminomethyl Propanol	≤2.5%
68554-54-1	Siloxanes and Silicones, di-Me, polymers with 3-[(2-aminoethyl)amino]propyl silsesquioxanes, hydroxy-terminated	≤2.5%
2871-01-4	Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-	≥0.1-<1%
33229-34-4	2,2'-[[4-[(2-hydroxyethyl)amino]-3-nitrophenyl]imino]bisethanol	≥0.1-<1%
	Disperse Violet 1	≥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.
- **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:** 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** Not required.
- **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).
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.

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· Protective Action Criteria for Chemicals

· PAC-1:

111-90-0	Diethylene glycol monoethyl ether	75 ppm
124-68-5	Aminomethyl Propanol	17 mg/m ³
120-51-4	Benzyl benzoate	5.7 mg/m ³
57-55-6	Propylene glycol	30 mg/m ³
7664-93-9	sulphuric acid	0.20 mg/m ³
56-81-5	glycerol	45 mg/m ³
5989-27-5	Limonene	15 ppm
122-99-6	2-phenoxyethanol	1.5 ppm
100-51-6	Benzyl alcohol	30 ppm
111-30-8	glutaral	0.2 ppm

· PAC-2:

111-90-0	Diethylene glycol monoethyl ether	100 ppm
124-68-5	Aminomethyl Propanol	190 mg/m ³
120-51-4	Benzyl benzoate	63 mg/m ³
57-55-6	Propylene glycol	1,300 mg/m ³
7664-93-9	sulphuric acid	8.7 mg/m ³
56-81-5	glycerol	180 mg/m ³
5989-27-5	Limonene	67 ppm
122-99-6	2-phenoxyethanol	16 ppm
100-51-6	Benzyl alcohol	52 ppm
111-30-8	glutaral	1 ppm

· PAC-3:

111-90-0	Diethylene glycol monoethyl ether	450 ppm
124-68-5	Aminomethyl Propanol	570 mg/m ³
120-51-4	Benzyl benzoate	380 mg/m ³
57-55-6	Propylene glycol	7,900 mg/m ³
7664-93-9	sulphuric acid	160 mg/m ³
56-81-5	glycerol	1,100 mg/m ³
5989-27-5	Limonene	170 ppm
122-99-6	2-phenoxyethanol	97 ppm
100-51-6	Benzyl alcohol	740 ppm
111-30-8	glutaral	5 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.

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- **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:** None.
- **Storage class:** 10
- **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.
At this time, the other constituents have no known exposure limits.

111-90-0 Diethylene glycol monoethyl ether

WEEL	Long-term value: 25 ppm
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- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
- **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:** Goggles recommended during refilling.

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9 Physical and chemical properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Fluid
Color:	According to product specification
· Odor:	Characteristic
· Odor threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
· 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 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:	6.4 %
Water:	86.0 %
VOC content:	6.38 %
	63.8 g/l / 0.53 lb/gal
· Solids content:	4.1 %
· 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.

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- **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:**

111-90-0 Diethylene glycol monoethyl ether

Oral LD50 5,500 mg/kg (rat)

Dermal LD50 8,500 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))

2871-01-4 Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-

Oral LD50 2,950 mg/kg (rat) (bw)

33229-34-4 2,2'-[[4-[(2-hydroxyethyl)amino]-3-nitrophenyl]imino]bisethanol

Oral LD50 2,001 mg/kg (rat)

Disperse Violet 1

Oral LD50 5,790 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **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)**

9003-01-4 Carbomer

3

2871-01-4 Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-

3

33229-34-4 2,2'-[[4-[(2-hydroxyethyl)amino]-3-nitrophenyl]imino]bisethanol

3

7664-93-9 sulphuric acid

1

5989-27-5 Limonene

3

- **NTP (National Toxicology Program)**

7664-93-9 sulphuric acid

K

- **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.

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- **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 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 system.
- **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 |
| · 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**
 No further relevant information available.
- **Sara**

· Section 355 (extremely hazardous substances):
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7664-93-9	sulphuric acid
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· Section 313 (Specific toxic chemical listings):

111-90-0	Diethylene glycol monoethyl ether
7664-93-9	sulphuric acid
122-99-6	2-phenoxyethanol

· TSCA (Toxic Substances Control Act):

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
111-90-0	Diethylene glycol monoethyl ether	ACTIVE
124-68-5	Aminomethyl Propanol	ACTIVE
68554-54-1	Siloxanes and Silicones, di-Me, polymers with 3-[(2-aminoethyl)amino]propyl silsesquioxanes, hydroxy-terminated	ACTIVE
9003-01-4	Carbomer	ACTIVE
77-92-9	citric acid	ACTIVE
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	ACTIVE
2871-01-4	Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-	ACTIVE
	Disperse Violet 1	ACTIVE
4926-55-0	Ethanol, 2-[(2-nitrophenyl)amino]-	ACTIVE
20721-50-0	Ethanol, 2,2'-[[4-[2-(4-aminophenyl)diazenyl]phenyl]imino]bis-	ACTIVE
101-86-0	Hexyl cinnamal	ACTIVE
120-51-4	Benzyl benzoate	ACTIVE
57-55-6	Propylene glycol	ACTIVE
89-65-6	D-erythro-Hex-2-enonic acid, gamma-lactone	ACTIVE
7664-93-9	sulphuric acid	ACTIVE
78-70-6	Linalool	ACTIVE
56-81-5	glycerol	ACTIVE
106-22-9	Citronellol	ACTIVE
127-51-5	alpha-iso-Methylionone	ACTIVE
9005-64-5	Polysorbate 20	ACTIVE
5989-27-5	Limonene	ACTIVE
81-13-0	Panthenol	ACTIVE
106-24-1	geraniol	ACTIVE
122-99-6	2-phenoxyethanol	ACTIVE
7695-91-2	Tocopheryl Acetate	ACTIVE
99-76-3	Methylparaben	ACTIVE
100-51-6	Benzyl alcohol	ACTIVE
111-30-8	glutaral	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.

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· **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)**

7664-93-9	sulphuric acid	A2
111-30-8	glutaral	A4

· **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**



GHS07

· **Signal word** Warning

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

Ethanol, 2-[(4-amino-2-nitrophenyl)amino]-
2,2'-[[4-[(2-hydroxyethyl)amino]-3-nitrophenyl]imino]bisethanol
Disperse Violet 1

· **Hazard statements**

May cause an allergic skin reaction.

· **Precautionary statements**

Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.

If on skin: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label).

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** 11/29/2021 / -

· **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

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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)
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 Sens. 1: Skin sensitisation – Category 1

US