

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/10/2021

Reviewed on 01/18/2019

1 Identification

- **Product identifier**

- **Trade name:** Clairol Root Touch Up Color Refreshing Spray – Family SDS

- **Article number:**

99210010140 Clairol Root Touch Up Color Refreshing Spray – Medium Brown
 314002000447 Clairol Root Touch Up Color Refreshing Spray – Medium Brown
 99210010165 Clairol Root Touch Up Color Refreshing Spray – Dark to Medium Blonde
 314002000448 Clairol Root Touch Up Color Refreshing Spray – Dark to Medium Blonde
 99210010107 Clairol Root Touch Up Color Refreshing Spray – Auburn Red
 314002000445 Clairol Root Touch Up Color Refreshing Spray – Auburn Red
 99210010129 Clairol Root Touch Up Color Refreshing Spray – Black
 314002000446 Clairol Root Touch Up Color Refreshing Spray – Black
 99210010170 Clairol Root Touch Up Color Refreshing Spray – Light Brown
 314002000449 Clairol Root Touch Up Color Refreshing Spray – Light Brown
 99210015369 Clairol Root Touch Up Color Refreshing Spray – Light Blonde
 314002001476 Clairol Root Touch Up Color Refreshing Spray – Light Blonde
 99210015394 Clairol Root Touch Up Color Refreshing Spray – Golden Brown
 314002001477 Clairol Root Touch Up Color Refreshing Spray – Golden Brown
 99210015396 Clairol Root Touch Up Color Refreshing Spray – Dark Brown
 314002001478 Clairol Root Touch Up Color Refreshing Spray – Dark Brown

- **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: +1-703-527-3887

CHEMTREC US/NA Emergency number(toll free): 800-424-9300

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Aerosol 1 H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Press. Gas H280 Contains gas under pressure; may explode if heated.

- **Label elements**

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

- **Hazard pictograms**



GHS02 GHS04

- **Signal word** Danger

(Contd. on page 2)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/10/2021

Reviewed on 01/18/2019

Trade name: Clairol Root Touch Up Color Refreshing Spray – Family SDS

(Contd. of page 1)

- **Hazard statements**
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
- **Precautionary statements**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Protect from sunlight. Store in a well-ventilated place.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- **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:**

75-37-6	1,1-difluoroethane	>25-≤50%
106-97-8	butane, pure	>25-≤50%
93685-81-5	Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated	>2.5-≤10%

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **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**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/10/2021

Reviewed on 01/18/2019

Trade name: Clairol Root Touch Up Color Refreshing Spray – Family SDS

(Contd. of page 2)

- **Methods and material for containment and cleaning up:** 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:**

75-37-6	1,1-difluoroethane	10,000 ppm
106-97-8	butane, pure	5500* ppm
63148-62-9	Dimethicone	65 mg/m ³
1317-61-9	Iron Oxides (CI 77499)	21 mg/m ³
1309-37-1	Iron Oxides (CI 77491)	15 mg/m ³
13463-67-7	titanium dioxide	30 mg/m ³
1309-48-4	magnesium oxide	30 mg/m ³
1344-28-1	Alumina	15 mg/m ³

· **PAC-2:**

75-37-6	1,1-difluoroethane	15,000 ppm
106-97-8	butane, pure	17000** ppm
63148-62-9	Dimethicone	720 mg/m ³
1317-61-9	Iron Oxides (CI 77499)	230 mg/m ³
1309-37-1	Iron Oxides (CI 77491)	360 mg/m ³
13463-67-7	titanium dioxide	330 mg/m ³
1309-48-4	magnesium oxide	120 mg/m ³
1344-28-1	Alumina	170 mg/m ³

· **PAC-3:**

75-37-6	1,1-difluoroethane	25,000 ppm
106-97-8	butane, pure	53000*** ppm
63148-62-9	Dimethicone	4,300 mg/m ³
1317-61-9	Iron Oxides (CI 77499)	1,400 mg/m ³
1309-37-1	Iron Oxides (CI 77491)	2,200 mg/m ³
13463-67-7	titanium dioxide	2,000 mg/m ³
1309-48-4	magnesium oxide	730 mg/m ³
1344-28-1	Alumina	990 mg/m ³

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:**
Do not spray on a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Not required.

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/10/2021

Reviewed on 01/18/2019

Trade name: Clairol Root Touch Up Color Refreshing Spray – Family SDS

(Contd. of page 3)

- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Storage class:** 2 B
- **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.

106-97-8 butane, pure

REL	Long-term value: 1900 mg/m ³ , 800 ppm
TLV (EX)	Short-term value: 2370 mg/m ³ , 1000 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**
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:** Not required.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Aerosol
Color:	Brown
- **Odor:** Characteristic
- **Odor threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**

Melting point/Melting range:	Undetermined.
------------------------------	---------------

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/10/2021

Reviewed on 01/18/2019

Trade name: Clairol Root Touch Up Color Refreshing Spray – Family SDS

(Contd. of page 4)

Boiling point/Boiling range:	Not applicable, as aerosol.
Flash point:	Not applicable, as aerosol.
Flammability (solid, gaseous):	Not applicable.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Not determined.
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 applicable.
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:	48.4 %
VOC content:	48.40 %
	484.0 g/l / 4.04 lb/gal
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:**

· **LD/LC50 values that are relevant for classification:**

75-37-6 1,1-difluoroethane

Inhalative	LC50/4 h	977 mg/l (mouse)
------------	----------	------------------

(Contd. on page 6)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/10/2021

Reviewed on 01/18/2019

Trade name: **Clairol Root Touch Up Color Refreshing Spray – Family SDS**

(Contd. of page 5)

106-97-8 butane, pure

Inhalative LC50/4 h 658 mg/l (rat)

93685-81-5 Hydrocarbons, C4, 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated

Oral LD50 >5,000 mg/kg (rat) (bw (//OECD 401))

Dermal LD50 >2,000 mg/kg (rabbit) (bw (//OECD 402))

Inhalative LC50/4 h >15 mg/l (rat) (air (//OECD 403))

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

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

1309-37-1 Iron Oxides (CI 77491)

3

13463-67-7 titanium dioxide

2B

· **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 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.

US

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS



Printing date 03/10/2021

Reviewed on 01/18/2019

Trade name: **Clairol Root Touch Up Color Refreshing Spray – Family SDS**

(Contd. of page 6)

14 Transport information

· UN-Number	UN1950
· DOT, IMDG, IATA	
· UN proper shipping name	
· DOT	Aerosols, flammable
· IMDG	AEROSOLS
· IATA	AEROSOLS, flammable
· Transport hazard class(es)	
· DOT	
	
· Class	2.1
· Label	2.1
· IMDG, IATA	
	
· Class	2.1
· Label	2.1
· Packing group	
· DOT, IMDG, IATA	not regulated
· Environmental hazards:	Not applicable.
· Special precautions for user	Warning: Gases
· Hazard identification number (Kemler code):	-
· EMS Number:	F-D,S-U
· Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
· Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· 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: 75 kg On cargo aircraft only: 150 kg

(Contd. on page 8)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/10/2021

Reviewed on 01/18/2019

Trade name: Clairol Root Touch Up Color Refreshing Spray – Family SDS

(Contd. of page 7)

- | | |
|--|---|
| <ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) | <p style="margin-left: 20px;"><i>IL</i></p> <p style="margin-left: 20px;"><i>Code: E0</i></p> <p style="margin-left: 20px;"><i>Not permitted as Excepted Quantity</i></p> |
| <ul style="list-style-type: none"> · UN "Model Regulation": | <p style="margin-left: 20px;"><i>UN 1950 AEROSOLS, 2.1</i></p> |

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):**

<i>1344-28-1</i>	<i>Alumina</i>
------------------	----------------

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

<i>75-37-6</i>	<i>1,1-difluoroethane</i>	<i>ACTIVE</i>
<i>106-97-8</i>	<i>butane, pure</i>	<i>ACTIVE</i>
<i>63148-62-9</i>	<i>Dimethicone</i>	<i>ACTIVE</i>
<i>1317-61-9</i>	<i>Iron Oxides (CI 77499)</i>	<i>ACTIVE</i>
<i>70131-69-0</i>	<i>Dow Corning 556 Constituent</i>	<i>ACTIVE</i>
<i>51274-00-1</i>	<i>C.I. Pigment Yellow 42</i>	<i>ACTIVE</i>
<i>1309-37-1</i>	<i>Iron Oxides (CI 77491)</i>	<i>ACTIVE</i>
<i>68988-56-7</i>	<i>Silicic acid, sodium salt, reaction products with chlorotrimethylsilane and iso-Pr alc.</i>	<i>ACTIVE</i>
<i>2943-75-1</i>	<i>triethoxyoctylsilane</i>	<i>ACTIVE</i>
<i>13463-67-7</i>	<i>titanium dioxide</i>	<i>ACTIVE</i>
<i>1309-48-4</i>	<i>magnesium oxide</i>	<i>ACTIVE</i>
<i>1344-28-1</i>	<i>Alumina</i>	<i>ACTIVE</i>

- **Hazardous Air Pollutants**

None of the ingredients is listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

<i>13463-67-7</i>	<i>titanium dioxide</i>
-------------------	-------------------------

- **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.

(Contd. on page 9)

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/10/2021

Reviewed on 01/18/2019

Trade name: Clairol Root Touch Up Color Refreshing Spray – Family SDS

(Contd. of page 8)

· TLV (Threshold Limit Value)		
1309-37-1	Iron Oxides (CI 77491)	A4
13463-67-7	titanium dioxide	A4
1309-48-4	magnesium oxide	A4
1344-28-1	Alumina	A4
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
13463-67-7	titanium dioxide	

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

· **Hazard pictograms**



GHS02 GHS04

· **Signal word** *Danger*

· **Hazard statements**

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

· **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Protect from sunlight. Store in a well-ventilated place.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

· **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** 03/10/2021 / -

· **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

Flam. Aerosol 1: Aerosols – Category 1

Press. Gas: Gases under pressure – Compressed gas