

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

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- **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.

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- **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.

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- **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.
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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)
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106-97-8 butane, pure

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

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14 Transport information

<ul style="list-style-type: none"> · UN-Number · DOT, IMDG, IATA 	<p style="margin: 0;">UN1950</p>
<ul style="list-style-type: none"> · UN proper shipping name · DOT · IMDG · IATA 	<p style="margin: 0;">Aerosols, flammable AEROSOLS AEROSOLS, flammable</p>
<ul style="list-style-type: none"> · Transport hazard class(es) · DOT 	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> · Class · Label 	<p style="margin: 0;">2.1 2.1</p>
<ul style="list-style-type: none"> · IMDG, IATA 	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> · Class · Label 	<p style="margin: 0;">2.1 2.1</p>
<ul style="list-style-type: none"> · Packing group · DOT, IMDG, IATA 	<p style="margin: 0;">not regulated</p>
<ul style="list-style-type: none"> · Environmental hazards: 	<p style="margin: 0;">Not applicable.</p>
<ul style="list-style-type: none"> · Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Code 	<p style="margin: 0;">Warning: Gases - F-D,S-U 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.</p>
<ul style="list-style-type: none"> · Segregation Code 	<p style="margin: 0;">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.</p>
<ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	<p style="margin: 0;">Not applicable.</p>
<ul style="list-style-type: none"> · Transport/Additional information: · DOT · Quantity limitations 	<p style="margin: 0;">On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg</p>

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- | | |
|--|---|
| <ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) | <p style="margin: 0;"><i>IL</i></p> <p style="margin: 0;"><i>Code: E0</i></p> <p style="margin: 0;"><i>Not permitted as Excepted Quantity</i></p> |
| <ul style="list-style-type: none"> · UN "Model Regulation": | <p style="margin: 0;"><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>
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- **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>
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- **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.

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· 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