

Safety Data Sheet

acc. to OSHA HCS

Printing date 11/19/2021

Reviewed on 06/25/2021

1 Identification

- **Product identifier**
- **Trade name:** Shinefinity CL2G6-Mix violet 00/66-US - Beco60 - HTC
- **Article number:** 99210022134, 315002001791
- **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:**
1,4-Diamino-2-(methoxymethyl)-benzene
1-HYDROXYETHYL 4,5-DIAMINO PYRAZOLE SULFATE
- **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.

US

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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	>2.5-≤10%
178949-82-1	L-Aspartic acid, N,N'-1,2-ethanediylbis-, sodium salt (1:3)	≤2.5%
7757-82-6	Sodium Sulfate	≤2.5%
337906-36-2	1,4-Diamino-2-(methoxymethyl)-benzene	≥0.1-<1%
	1-HYDROXYETHYL 4,5-DIAMINO PYRAZOLE SULFATE	≥0.1-<1%
66422-95-5	2,4-DIAMINOPHENOXYETHANOL HCL	≥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:**
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).
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:

57-55-6	Propylene glycol	30 mg/m ³
7757-82-6	Sodium Sulfate	9.8 mg/m ³
141-43-5	2-aminoethanol	6 ppm
12001-26-2	Mica	9 mg/m ³
7757-83-7	sodium sulphite	11 mg/m ³
9005-00-9	Steareth-2	5.7 mg/m ³
108-46-3	resorcinol	20 ppm
1310-73-2	sodium hydroxide	0.5 mg/m ³
139-33-3	Disodium EDTA	11 mg/m ³
13463-67-7	titanium dioxide	30 mg/m ³
5989-27-5	Limonene	15 ppm

· PAC-2:

57-55-6	Propylene glycol	1,300 mg/m ³
7757-82-6	Sodium Sulfate	110 mg/m ³
141-43-5	2-aminoethanol	170 ppm
12001-26-2	Mica	99 mg/m ³
7757-83-7	sodium sulphite	120 mg/m ³
9005-00-9	Steareth-2	63 mg/m ³
108-46-3	resorcinol	28 ppm
1310-73-2	sodium hydroxide	5 mg/m ³
139-33-3	Disodium EDTA	120 mg/m ³
13463-67-7	titanium dioxide	330 mg/m ³
5989-27-5	Limonene	67 ppm

· PAC-3:

57-55-6	Propylene glycol	7,900 mg/m ³
7757-82-6	Sodium Sulfate	650 mg/m ³
141-43-5	2-aminoethanol	1,000 ppm
12001-26-2	Mica	590 mg/m ³
7757-83-7	sodium sulphite	710 mg/m ³
9005-00-9	Steareth-2	380 mg/m ³
108-46-3	resorcinol	170 ppm
1310-73-2	sodium hydroxide	50 mg/m ³
139-33-3	Disodium EDTA	730 mg/m ³
13463-67-7	titanium dioxide	2,000 mg/m ³
5989-27-5	Limonene	170 ppm

7 Handling and storage

· Handling:

· Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

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- **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:** None.
- **Storage class:** 12
- **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 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

<i>WEEL</i>	Long-term value: 10 mg/m ³
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7757-82-6 Sodium Sulfate

<i>TLV</i>	Short-term value: NIC-0.2 mg/m ³ thoracic fraction of aerosol
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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.

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· **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

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

Form:	Viscous
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.· **Ignition temperature:** 371 °C (699.8 °F)· **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:** Fully miscible.· **Partition coefficient (n-octanol/water):** Not determined.· **Viscosity:**

Dynamic:	Not determined.
Kinematic:	Not determined.

· **Solvent content:**

Organic solvents:	8.7 %
Water:	83.1 %
VOC content:	0.67 %
	6.7 g/l / 0.06 lb/gal

· **Solids content:** 3.1 %

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· **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:**

57-55-6 Propylene glycol

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

178949-82-1 L-Aspartic acid, N,N'-1,2-ethanediybis-, sodium salt (1:3)

Oral	LD50	>2,000 mg/kg (rat) (bw (//OECD 401))
Dermal	LD50	>2,000 mg/kg (rabbit) (bw (//OECD 402))
Inhalative	LC50/4 h	>1.49 mg/l (rat) (air (//OECD 403))

7757-82-6 Sodium Sulfate

Oral	LD50	5,989 mg/kg (mouse)
		>2,000 mg/kg (rat) (bw (OECD 423))
Inhalative	LC50/4 h	>2.4 mg/l (rat) (air (OECD 436))

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)

1-HYDROXYETHYL 4.5-DIAMINO PYRAZOLE SULFATE

Oral	LD50	>2,000 mg/kg (rat) (bw (OECD 401))
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66422-95-5 2.4-DIAMINOPHENOXYETHANOL HCL

Oral	LD50	1,000 mg/kg (rat)
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- **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

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

108-46-3	resorcinol	3
13463-67-7	titanium dioxide	2B
5989-27-5	Limonene	3

· **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 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

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

14 Transport information

· **UN-Number**· **DOT, IMDG, IATA** not regulated· **UN proper shipping name**· **DOT, 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. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 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):

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	water, distilled, conductivity or of similar purity	ACTIVE
57-55-6	Propylene glycol	ACTIVE
67762-27-0	Cetearyl Alcohol	ACTIVE
178949-82-1	L-Aspartic acid, N,N'-1,2-ethanediybis-, sodium salt (1:3)	ACTIVE
7757-82-6	Sodium Sulfate	ACTIVE
141-43-5	2-aminoethanol	ACTIVE
7757-83-7	sodium sulphite	ACTIVE
2197-63-9	1-Hexadecanol, 1,1'-(hydrogen phosphate)	ACTIVE
50-81-7	ascorbic acid	ACTIVE
77-92-9	citric acid	ACTIVE
9005-00-9	Steareth-2	ACTIVE
108-46-3	resorcinol	ACTIVE
11138-66-2	Xanthan Gum	ACTIVE
66422-95-5	2,4-DIAMINOPHENOXYETHANOL HCL	ACTIVE
1310-73-2	sodium hydroxide	ACTIVE
139-33-3	Disodium EDTA	ACTIVE
2835-95-2	5-amino-o-cresol	ACTIVE
13463-67-7	titanium dioxide	ACTIVE
97-54-1	isoeugenol	ACTIVE
106-22-9	Citronellol	ACTIVE
106-24-1	geraniol	ACTIVE

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127-51-5	alpha-iso-Methylionone	ACTIVE
5989-27-5	Limonene	ACTIVE
5392-40-5	Citral	ACTIVE

· **Hazardous Air Pollutants**

None of the ingredients is listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

13463-67-7 titanium dioxide

· **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)**

108-46-3	resorcinol	A4
13463-67-7	titanium dioxide	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**



GHS07

· **Signal word** Warning

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

1,4-Diamino-2-(methoxymethyl)-benzene
1-HYDROXYETHYL 4.5-DIAMINO PYRAZOLE SULFATE

· **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.

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· **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** 11/19/2021 / -

· **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

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