

Safety Data Sheet

acc. to OSHA HCS

Printing date 04/01/2022

Reviewed on 12/03/2021

1 Identification

- **Product identifier**
- **Trade name:** Wella Professionals Ultimate Repair Shampoo
- **Article number:** 315003001683
- **Application of the substance / the mixture** Hair care products
- **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**



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).
- **Hazard pictograms**



GHS05 GHS07

- **Signal word** Danger
- **Hazard-determining components of labeling:**
sodium dodecyl sulphate
Cocamidopropyl Betaine
Sulfuric acid monododecyl ester sodium salt
- **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.

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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.

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.

3 Composition/information on ingredients

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

· **Dangerous components:**

151-21-3	sodium dodecyl sulphate	≥3- <10%
1335-72-4	Sulfuric acid monododecyl ester sodium salt	≥3- <10%
61789-40-0	Cocamidopropyl Betaine	≥1- ≤2.5%
69-72-7	salicylic acid	≥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. Then consult a doctor.
- **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.

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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 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.

· **Protective Action Criteria for Chemicals**

· **PAC-1:**

151-21-3	sodium dodecyl sulphate	3.9 mg/m ³
532-32-1	sodium benzoate	61 mg/m ³
1310-73-2	sodium hydroxide	0.5 mg/m ³
64-02-8	Tetrasodium EDTA	75 mg/m ³
56-81-5	glycerol	45 mg/m ³
7647-01-0	hydrogen chloride	1.8 ppm
111-01-3	2,6,10,15,19,23-hexamethyltetracosane	0.69 ppm
112-80-1	Oleic Acid	220 mg/m ³
10377-60-3	magnesium nitrate	30 mg/m ³
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	0.6 mg/m ³
7786-30-3	Magnesium chloride (MgCl ₂)	11 mg/m ³
68-04-2	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt (1:3)	9.3 mg/m ³

· **PAC-2:**

151-21-3	sodium dodecyl sulphate	43 mg/m ³
532-32-1	sodium benzoate	680 mg/m ³
1310-73-2	sodium hydroxide	5 mg/m ³
64-02-8	Tetrasodium EDTA	830 mg/m ³
56-81-5	glycerol	180 mg/m ³
7647-01-0	hydrogen chloride	22 ppm
111-01-3	2,6,10,15,19,23-hexamethyltetracosane	7.6 ppm
112-80-1	Oleic Acid	2,400 mg/m ³
10377-60-3	magnesium nitrate	330 mg/m ³
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	6.6 mg/m ³
7786-30-3	Magnesium chloride (MgCl ₂)	120 mg/m ³
68-04-2	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt (1:3)	100 mg/m ³

· **PAC-3:**

151-21-3	sodium dodecyl sulphate	260 mg/m ³
532-32-1	sodium benzoate	810 mg/m ³

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1310-73-2	sodium hydroxide	50 mg/m ³
64-02-8	Tetrasodium EDTA	5,000 mg/m ³
56-81-5	glycerol	1,100 mg/m ³
7647-01-0	hydrogen chloride	100 ppm
111-01-3	2,6,10,15,19,23-hexamethyltetracosane	46 ppm
112-80-1	Oleic Acid	15,000 mg/m ³
10377-60-3	magnesium nitrate	2,000 mg/m ³
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	40 mg/m ³
7786-30-3	Magnesium chloride (MgCl ₂)	550 mg/m ³
68-04-2	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt (1:3)	610 mg/m ³

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.
- **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.

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 product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **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.

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· **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

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Viscous

Color: White

· **Odor:** Characteristic

· **Odor threshold:** Not determined.

· **pH-value at 20 °C (68 °F):** 4.8-5.6

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100 °C (212 °F)

· **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.

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- **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:** 0.1 %
- Water:** 77.2 %
- VOC content:** 0.00 %
- 0.0 g/l / 0.00 lb/gal

Solids content: 20.8 %

- **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:**

151-21-3 sodium dodecyl sulphate

Oral	LD50	977 mg/kg (rat) (bw (OECD 401))
Dermal	LD50	>2,000 mg/kg (rabbit) (bw (OECD 402))

69-72-7 salicylic acid

Oral	LD50	891 mg/kg (rat) (bw (Similar to OECD 401; rat))
Dermal	LD50	>2,000 mg/kg (rabbit) (bw (OECD 402; standard acute method; rat))
Inhalative	LC50/4 h	>0.742 mg/l (rat) (air (Read across data on methyl salicylate; simila

- **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

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· **Carcinogenic categories**

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

7647-01-0 hydrogen chloride	3
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· **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.

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

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

· **Transport hazard class(es)**

· **DOT, ADN, IMDG, IATA**

· **Class** not regulated

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- | | |
|--|-----------------|
| · 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):**

7647-01-0	hydrogen chloride
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· **Section 313 (Specific toxic chemical listings):**

7647-01-0	hydrogen chloride
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· **TSCA (Toxic Substances Control Act):**

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
151-21-3	sodium dodecyl sulphate	ACTIVE
61789-40-0	Cocamidopropyl Betaine	ACTIVE
627-83-8	Glycol Distearate	ACTIVE
107-52-8	Dimethicone Tetradecamethylhexasiloxane	ACTIVE
68140-00-1	Cocamide MEA	ACTIVE
81-13-0	Panthenol	ACTIVE
532-32-1	sodium benzoate	ACTIVE
65497-29-2	Guar gum, 2-hydroxy-3-(trimethylammonio)propyl ether, chloride	ACTIVE
7647-14-5	sodium chloride	ACTIVE
58-95-7	α -tocopheryl acetate	ACTIVE
69-72-7	salicylic acid	ACTIVE
77-92-9	citric acid	ACTIVE
1310-73-2	sodium hydroxide	ACTIVE
64-02-8	Tetrasodium EDTA	ACTIVE
178949-82-1	L-Aspartic acid, N,N'-1,2-ethanediybis-, sodium salt (1:3)	ACTIVE
56-81-5	glycerol	ACTIVE
71-00-1	histidine	ACTIVE
99-76-3	Methylparaben	ACTIVE
7647-01-0	hydrogen chloride	ACTIVE
111-01-3	2,6,10,15,19,23-hexamethyltetracosane	ACTIVE
111-03-5	Glyceryl Oleate	ACTIVE
112-80-1	Oleic Acid	ACTIVE

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10377-60-3	magnesium nitrate	ACTIVE
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	ACTIVE
7786-30-3	Magnesium chloride (MgCl ₂)	ACTIVE
68-04-2	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt (1:3)	ACTIVE
137-66-6	6-O-palmitoylascorbic acid	ACTIVE
1300-72-7	sodium xylenesulphonate	ACTIVE
2682-20-4	2-methyl-2H-isothiazol-3-one	ACTIVE

· **Hazardous Air Pollutants**

7647-01-0	hydrogen chloride
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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)**

7647-01-0	hydrogen chloride	A4
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· **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 dodecyl sulphate

Cocamidopropyl Betaine

Sulfuric acid monododecyl ester sodium salt

· **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.

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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.

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** 04/01/2022 / -

· **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