Safety Data Sheet
according to HPR, Schedule 1

Date of issue 12/09/2025 *Revision: 12/09/2025*

1 Identification

· **Product identifier**

· **Trade name: Clairol Professional BW2+ Oil-Infused Lightener Liquid Activator**
· **Other means of identification**

· **Article number:** 315000010008
· **Application of the substance / the mixture** Bleaching agent

· **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
sds_info@wella.com
· **Emergency telephone number:**
CHEMTREC Emergency number: +1 703-527-3887
CHEMTREC EMERGENCY Number: +1 703-741-5970

2 Hazard identification

· **Classification of the substance or mixture**



GHS02 Flame

Flammable liquids – Category 3 H226 Flammable liquid and vapour.



GHS05 Corrosion

Eye damage/irritation – Category 1 H318 Causes serious eye damage.



GHS07

Skin Irritation - Category 2 H315 Causes skin irritation.

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



GHS02 GHS05

· **Signal word** Danger

· **Hazard-determining components of labeling:**
Oleth-2
2-aminoethanol
Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides
ammonia, anhydrous

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· **Hazard statements**
Flammable liquid and vapour.
Causes skin irritation.
Causes serious eye damage.
· **Precautionary statements**
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read carefully and follow all instructions.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
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 occurs: Get medical advice/attention.
In case of fire: Use CO2, powder or water spray to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/Information on ingredients

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

· **Dangerous components:**		
5274-65-7	Oleth-2	10-30% w/w *
57-55-6	Propylene glycol	5-10% w/w *
67-63-0	isopropyl alcohol	3-7% w/w *
141-43-5	2-aminoethanol	≥5-≤7% w/w *
61790-41-8	Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides	3-7% w/w *
111-90-0	Diethylene glycol monoethyl ether	3-7% w/w *
68131-39-5	Alcohols, C12-15, ethoxylated	3-7% w/w *
107-41-5	2-methylpentane-2,4-diol	1-5% w/w *
7664-41-7	ammonia, anhydrous	≥1-<5% w/w *

* Actual concentration ranges are withheld as a trade secret.

4 First-aid measures

· **Description of first aid measures**
· **General information:**
Immediately remove any clothing soiled by the product.
Personal protection for the First Aider.

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· **After inhalation:** 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.
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
Symptomatic treatment (decontamination, vital functions)
No further relevant information available.

5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **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:**
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 section 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.

7 Handling and storage

· **Precautions for safe handling** No special precautions are necessary if used correctly.
· **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

· **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:** 3
· **Specific end use(s)** No further relevant information available.

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8 Exposure controls/ Personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
57-55-6 Propylene glycol	
EV	TWA: 155* 10** mg/m³, 50* ppm *vapour and aerosol;**aerosol only
67-63-0 isopropyl alcohol	
EL	STEL: 400 ppm TWA: 200 ppm
EV	STEL: 400 ppm TWA: 200 ppm
141-43-5 2-aminoethanol	
EL	STEL: 6 ppm TWA: 3 ppm
EV	STEL: 15 mg/m³, 6 ppm TWA: 7.5 mg/m³, 3 ppm
111-90-0 Diethylene glycol monoethyl ether	
EV	TWA: 165 mg/m³, 30 ppm
107-41-5 2-methylpentane-2,4-diol	
EL	Ceiling: 25 ppm
EV	Ceiling: 120 mg/m³, 25 ppm
7664-41-7 ammonia, anhydrous	
EL	STEL: 35 ppm TWA: 25 ppm
EV	STEL: 24 mg/m³, 35 ppm TWA: 17 mg/m³, 25 ppm

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **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:** Not required
· **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

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· **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

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Physical state**	Liquid
· **Color:**	Yellow
· **Odor:**	Characteristic
· **Odor threshold:**	Not determined
· **Melting point/Melting range:**	Undetermined
· **Boiling point/Boiling range:**	Undetermined
· **Flammability:**	Flammable.
· **Explosion limits:**	
· **Lower:**	Not determined
· **Upper:**	Not determined
· **Flash point:**	34 °C
· **Auto igniting:**	190 °C
· **Decomposition temperature:**	Not determined
· **pH-value at 20 °C:**	10.4
· **Viscosity:**	
· **Kinematic:**	Not determined
· **Dynamic:**	Not determined
· **Solubility in / Miscibility with**	
· **Water:**	Fully miscible.
· **Partition coefficient (n-octanol/water):**	Not determined
· **Vapor pressure:**	Not determined
· **Vapor pressure:**	
· **Density:**	Not determined
· **Relative density**	Not determined
· **Vapor density**	Not determined
· **Particle characteristics**	Not applicable

· **Other information**	
· **Appearance:**	
· **Form:**	Fluid
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	Product is not selfigniting.

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· **Danger of explosion:**	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· **Solvent content:**	
· **Organic solvents:**	28.7 %
· **Water:**	9.1 %
· **Solids content:**	27.2 %
· **Change in condition**	
· **Evaporation rate**	Not determined

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)
67-63-0 isopropyl alcohol		
Oral	LD50	5,840 mg/kg (rat) (bw (//OECD 401))
Dermal	LD50	12,956 mg/kg (rabbit) (bw (//OECD 402))
Inhalative	LC50/4 h	>24.578 mg/l (rat) (air (//OECD 403))
141-43-5 2-aminoethanol		
Oral	LD50	1,089 mg/kg (rat) (bw (Similar to OECD 401; standard acute method; ra)
Dermal	LD50	1,000 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/l (rat)
61790-41-8 Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides		
Oral	LD50	500 mg/kg (rat)
111-90-0 Diethylene glycol monoethyl ether		
Oral	LD50	5,500 mg/kg (rat)
Dermal	LD50	8,500 mg/kg (rabbit)
107-41-5 2-methylpentane-2,4-diol		
Oral	LD50	3,700 mg/kg (rat)
Dermal	LD50	8,560 mg/kg (rabbit)
7664-41-7 ammonia, anhydrous		
Oral	LD50	350 mg/kg (rat)

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Inhalative	LC50/4 h	2,000 mg/l (rat)

· **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:** No sensitizing effects known.
· **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)**		
67-63-0	isopropyl alcohol	3

· **NTP (National Toxicology Program)**
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.
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable
· **Other adverse effects**
· **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.

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/TDG, ADR, IMDG, IATA**	UN1266
· **UN proper shipping name**	
· **DOT/TDG**	Perfumery products

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· **ADR**	1266 Perfumery products
· **IMDG, IATA**	PERFUMERY PRODUCTS
· **Transport hazard class(es)**	
· **DOT/TDG (Transport dangerous goods):**	
	
· **Class**	3 Flammable liquids
· **Label**	3
· **ADR, IMDG, IATA**	
	
· **Class**	3 Flammable liquids
· **Label**	3
· **Packing group**	
· **DOT/TDG, ADR, IMDG, IATA**	III
· **Environmental hazards:**	Not applicable
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable
· **Transport/Additional information:**	
· **DOT/TDG**	
· **Quantity limitations**	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
· **ADR**	
· **Excepted quantities (EQ)**	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· **IMDG**	
· **Limited quantities (LQ)**	5L
· **Excepted quantities (EQ)**	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· **Special precautions for user**	Warning: Flammable liquids
· **Hazard identification number (Kemler code):**	30
· **EMS Number:**	F-E,S-D
· **Stowage Category**	A
· **UN "Model Regulation":**	UN 1266 PERFUMERY PRODUCTS, 3, III

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

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· **Sara**

· **Section 355 (extremely hazardous substances):**

7664-41-7	ammonia, anhydrous

· **Section 313 (Specific toxic chemical listings):**

67-63-0	isopropyl alcohol
111-90-0	Diethylene glycol monoethyl ether
7664-41-7	ammonia, anhydrous

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

61790-12-3	Fatty acids, tall-oil	ACTIVE
7732-18-5	Wasser	ACTIVE
57-55-6	Propylene glycol	ACTIVE
67-63-0	isopropyl alcohol	ACTIVE
141-43-5	2-aminoethanol	ACTIVE
61790-41-8	Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides	ACTIVE
111-90-0	Diethylene glycol monoethyl ether	ACTIVE
68131-39-5	Alcohols, C12-15, ethoxylated	ACTIVE
107-41-5	2-methylpentane-2,4-diol	ACTIVE
7664-41-7	ammonia, anhydrous	ACTIVE
89-65-6	D-erythro-Hex-2-enonic acid, gamma-lactone	ACTIVE
7757-83-7	sodium sulphite	ACTIVE
60-00-4	edetic acid	ACTIVE

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

61790-12-3	Fatty acids, tall-oil
7732-18-5	Wasser
57-55-6	Propylene glycol
67-63-0	isopropyl alcohol
141-43-5	2-aminoethanol
61790-41-8	Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides
111-90-0	Diethylene glycol monoethyl ether
68131-39-5	Alcohols, C12-15, ethoxylated
107-41-5	2-methylpentane-2,4-diol
7664-41-7	ammonia, anhydrous
89-65-6	D-erythro-Hex-2-enonic acid, gamma-lactone
7757-83-7	sodium sulphite
60-00-4	edetic acid

· **Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

57-55-6	Propylene glycol
67-63-0	isopropyl alcohol

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141-43-5	2-aminoethanol
111-90-0	Diethylene glycol monoethyl ether
107-41-5	2-methylpentane-2,4-diol
7664-41-7	ammonia, anhydrous

· **Per- and polyfluoroalkyl substances (PFAS)**

None of the ingredients is listed.

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



GHS02 GHS05

· **Signal word** Danger

· **Hazard-determining components of labeling:**
Oleth-2
2-aminoethanol
Quaternary ammonium compounds, trimethylsoyaalkyl, chlorides
ammonia, anhydrous
· **Hazard statements**
Flammable liquid and vapour.
Causes skin irritation.
Causes serious eye damage.
· **Precautionary statements**
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read carefully and follow all instructions.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
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 occurs: Get medical advice/attention.
In case of fire: Use CO2, powder or water spray to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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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:*** *SDS Info Team*
· ***Contact:*** *Hr. Dr. Speckbacher*
· ***Date of preparation*** *12/09/2025*
· ***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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative