

Safety Data Sheet

according to P.U.(A) 310/2013

Printing date 18.06.2018

Revision: 18.06.2018

1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name:** Blondor Multi Lightening Powder
- **Article number:** 95728484
- **Recommended use of the chemical and restrictions on use** No further relevant information available.
- **Application of the substance / the mixture** Hair bleaching powder
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** Wella, 14 rue du Quatre Septembre, 75002 Paris
- **Further information obtainable from:** Coty 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 identification

- **Classification of the substance or mixture**



Acute Tox. 4 H302 Harmful if swallowed.
 Skin Irrit. 2 H315 Causes skin irritation.
 Eye Irrit. 2 H319 Causes serious eye irritation.
 Skin Sens. 1 H317 May cause allergic skin reaction.

- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**
dipotassium peroxodisulphate
diammonium peroxodisulphate
- **Hazard statements**
Harmful if swallowed.
Causes skin irritation.
Causes serious eye irritation.
May cause allergic skin reaction.
- **Precautionary statements**
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Avoid breathing dust/fume/ gas/mist/vapours/spray.
Wear protective gloves / eye protection / face protection.
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Take off contaminated clothing and wash before reuse.

(Contd. on page 2)

-MY-

Safety Data Sheet

according to P.U.(A) 310/2013

Printing date 18.06.2018

Revision: 18.06.2018

Trade name: Blondor Multi Lightening Powder

(Contd. of page 1)

- 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 and information of the ingredients of the hazardous chemical

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

· **Dangerous components:**

7727-21-1	dipotassium peroxodisulphate ☠ Ox. Sol. 3, H272; ☠ Resp. Sens. 1, H334; ☠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	43.879%
1344-09-8	Silicic acid, sodium salt ☠ Acute Tox. 4, H332	20.3%
8042-47-5	White mineral oil, petroleum ☠ Acute Tox. 3, H331	7.5%
7727-54-0	diammonium peroxodisulphate ☠ Ox. Sol. 3, H272; ☠ Resp. Sens. 1, H334; ☠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	6.169%
9005-25-8	Starch	1.4%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **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. If symptoms persist, consult a doctor.
- **After swallowing:** Call for a doctor immediately.
- **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 extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.

(Contd. on page 3)

MY

Safety Data Sheet

according to P.U.(A) 310/2013

Printing date 18.06.2018

Revision: 18.06.2018

Trade name: Blondor Multi Lightening Powder

(Contd. of page 2)

- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **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

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** 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 container tightly sealed.
- **Storage class:** 11
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

7727-21-1 dipotassium peroxodisulphate	
PEL (Malaysia)	Long-term value: 0.1 mg/m ³
7727-54-0 diammonium peroxodisulphate	
PEL (Malaysia)	Long-term value: 0.1 mg/m ³
9005-25-8 Starch	
PEL (Malaysia)	Long-term value: 10 mg/m ³

- **Additional information:** The lists valid during the making 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 eyes and skin.
- **Respiratory protection:** Not required.

(Contd. on page 4)

Safety Data Sheet

according to P.U.(A) 310/2013

Printing date 18.06.2018

Revision: 18.06.2018

Trade name: **Blondor Multi Lightening Powder**

(Contd. of page 3)

· **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: Powder

Colour: Blue

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value at 20 °C:** 9.9-10.6

· **Change in condition**

Melting point/freezing point Undetermined.

Initial boiling point and boiling range Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gas)** Not determined.

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature** Product is not selfigniting.

· **Explosive properties:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

· **Vapour pressure:** Not applicable.

· **Density:** Not determined.

· **Relative density** Not determined.

(Contd. on page 5)

MY

Safety Data Sheet
according to P.U.(A) 310/2013

Printing date 18.06.2018

Revision: 18.06.2018

Trade name: **Blondor Multi Lightening Powder**

(Contd. of page 4)

· Vapour density	Not applicable.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with water:	Insoluble.
· Partition coefficient: n-octanol/water	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· Solvent content:	
Water:	0.1 %
VOC (EC)	0.00 %
· Solids content:	99.9 %
· 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 relevant for classification:

7727-21-1 dipotassium peroxodisulphate

Oral	LD50	500 mg/kg (rat)
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1344-09-8 Silicic acid, sodium salt

Oral	LD50	3,400 mg/kg (rat) (bw (Similar to OECD 401; standard acute method; ra)
Dermal	LD50	>5,000 mg/kg (rabbit) (bw (Read across data on AgSil TM 25 Potassium sili)
Inhalative	LC50/4 h	>2.06 mg/l (rat) (air (Read across data AgSil TM 25 Potassium silica)

8042-47-5 White mineral oil, petroleum

Oral	LD50	>5,000 mg/kg (rat) (bw (//OECD 401))
Dermal	LD50	>2,000 mg/kg (rabbit) (bw (//OECD 402))
Inhalative	LC50/4 h	>5 mg/l (rat) (air (//OECD 403))

7727-54-0 diammonium peroxodisulphate

Oral	LD50	500 mg/kg (rat)
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- **Primary irritant effect:**
- **Skin corrosion or irritation** Irritant to skin and mucous membranes.
- **Serious eye damage or eye irritation** Irritating effect.
- **Respiratory / skin sensitization** Sensitisation possible through skin contact.

(Contd. on page 6)

-MY-

Safety Data Sheet

according to P.U.(A) 310/2013

Printing date 18.06.2018

Revision: 18.06.2018

Trade name: Blondor Multi Lightening Powder

(Contd. of page 5)

- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Harmful
Irritant

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour 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 (German Regulation) (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 information

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transportation information

- | | |
|--|-----------------|
| <ul style="list-style-type: none"> · UN-Number · ADR/RID/ADN, ADN, IMDG, IATA | not regulated |
| <ul style="list-style-type: none"> · UN proper shipping name · ADR/RID/ADN, ADN, IMDG, IATA | not regulated |
| <ul style="list-style-type: none"> · Transport hazard class(es) · ADR/RID/ADN, ADN, IMDG, IATA · Class | not regulated |
| <ul style="list-style-type: none"> · Packing group · ADR/RID/ADN, IMDG, IATA | not regulated |
| <ul style="list-style-type: none"> · Environmental hazards: | Not applicable. |
| <ul style="list-style-type: none"> · Special precautions for user | Not applicable. |
| <ul style="list-style-type: none"> · Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |

(Contd. on page 7)

-MY-

Safety Data Sheet

according to P.U.(A) 310/2013

Printing date 18.06.2018

Revision: 18.06.2018

Trade name: Blondor Multi Lightening Powder

(Contd. of page 6)

· **UN "Model Regulation":** not regulated

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**
 - dipotassium peroxodisulphate
 - diammonium peroxodisulphate
- **Hazard statements**
 - Harmful if swallowed.
 - Causes skin irritation.
 - Causes serious eye irritation.
 - May cause allergic skin reaction.
- **Precautionary statements**
 - If medical advice is needed, have product container or label at hand.
 - Keep out of reach of children.
 - Read label before use.
 - Avoid breathing dust/fume/ gas/mist/vapours/spray.
 - Wear protective gloves / eye protection / face protection.
 - IF SWALLOWED:** Call a POISON CENTER/doctor if you feel unwell.
 - IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - Take off contaminated clothing and wash before reuse.
 - Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **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
- **Abbreviations and acronyms:**
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - 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)

(Contd. on page 8)

-MY

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(Contd. of page 7)

*LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Ox. Sol. 3: Oxidizing solids – Category 3**Acute Tox. 4: Acute toxicity - oral – Category 4**Acute Tox. 3: Acute toxicity - oral – Category 3**Skin Irrit. 2: Skin corrosion or irritation – Category 2**Eye Irrit. 2: Serious eye damage or eye irritation – Category 2**Resp. Sens. 1: Respiratory sensitization – Category 1**Skin Sens. 1: Skin sensitization – Category 1**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

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