

**Safety Data Sheet**

according to ANSI Z400.1-1998

**BLONDOR LIGHTENING POWDER**

Print date : 06.07.2005

Product code : 71860270000F

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**1. Product and Company Identification****1.1 Commercial product name**

BLONDOR LIGHTENING POWDER

**Chemical characterization :** (preparation )  
Mixture of persulphates and alkali, not dust-creating

**1.2 Information manufacturer / supplier**

Company name : WELLA CORPORATION - 6109 De Soto Avenue - Woodland Hills, CA 91367  
 Telephone: (818) 999-5112  
 Prepared by: WELLA AG - Berliner Allee 65 - D-64274 Darmstadt  
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 Emergency telephone : 0049-(0)-6151-340-Germany

**2. Composition / Information on Components****Hazardous components**

CAS No.	Components	Quantity
822-16-2	SODIUM STEARATE	5% - 10%
7727-21-1	DIPOTASSIUM PEROXODISULPHATE (POTASSIUM PERSULFATE)	40% - 45%
7727-54-0	DIAMMONIUM PEROXODISULPHATE (AMMONIUM PERSULFATE)	5% - 10%
1344-09-8	SILICIC ACID, SODIUM SALT (SODIUM SILICATE)	20% -25%

**3. Hazards Identification****Route(s) of Entry**

Inhalation: Yes  
 Ingestion: Yes  
 Skin: Yes

**Signs and Symptoms of Exposure**

May cause sensitization by inhalation and skin contact.  
 May produce an allergic reaction.  
 May cause irritation of respiratory tract.  
 Irritating to eyes. (Risk of serious damage to eyes.)  
 May cause skin irritation.  
 Harmful if swallowed.

Carcinogenicity (NTP) : No  
 Carcinogenicity (IARC) : No  
 Carcinogenicity (OSHA) : No

**4. First Aid Measures****General information**

Immediately rinse any splashes on the skin and clothing

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### After inhalation

Move to fresh air.  
In case of difficulty in breathing, seek medical advice.

### After contact with skin

Wash off with soap and water.  
If skin irritation persists, call a physician.

### After contact with eyes

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### After ingestion

Do not induce vomiting.  
Clean mouth with water and drink afterwards plenty of water.  
Call a physician or Poison Control Centre immediately.

## 5. Fire Fighting Measures

### Suitable extinguishing media

sprayed water stream  
foam  
chemical fire extinguisher  
carbon dioxide (CO<sub>2</sub>)

### Special exposure hazards arising from the chemical

Contact with combustible material may cause fire.  
The release of the following substances is possible in a fire:  
nitrogen oxides (NO<sub>x</sub>), sulphur oxides, ammonia, Ozone, carbon oxides

### Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

### Additional information

Contaminated extinguishing water and soil must be disposed of in accordance with official regulations.

## 6. Accidental Release Measures

### Personal precautions

Ensure adequate ventilation.  
Avoid contact with skin, eyes and clothing.  
Keep away from combustible material.

### Environmental precautions

Do not flush into surface water or sanitary sewer system.

### Methods for cleaning up/taking up

Take up mechanically and collect in suitable container for disposal.  
Do not soak up with combustible material, e.g. paper

## 7. Handling and Storage

### 7.1 Handling

#### Advice on safe handling

Avoid contact with skin, eyes and clothing.

#### Advice on protection against fire and explosion

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Keep away from combustible material.  
Keep away from heat and sources of ignition.  
Protect from humid air and water.

### Further information on handling

Follow the instructions  
Please see cautionary notice referring to activator.  
Do not use the bleach if the scalp shows abrasions, scratches or any other abnormal condition  
Do not use to dye eyelashes or eyebrows.  
Do not perm the hair immediately before or after bleaching.

### 7.2 Storage

#### Requirements for storage rooms and vessels

Keep in a dry, cool place.  
Keep out of reach of children.

#### Further information on storage conditions

Keep at temperatures above -20 °C.  
Keep at temperature not exceeding 40 °C.

## 8. Exposure Controls / Personal Protection

### 8.1 Exposure limit values

### 8.2 Exposure controls

#### Protective and hygiene measures

When using, do not eat, drink or smoke.  
Wash hands before breaks and at the end of workday.  
preventive skin protection

#### Hand protection

Wear enclosed gloves.

## 9. Physical and Chemical Properties

### 9.1 Appearance

Form : powder  
Colour : blue  
Odour : odourless

### 9.2 Important health, safety and environmental information

pH-Value : 9.9 - 10.6 Test method 1:2 with H<sub>2</sub>O<sub>2</sub> 9%

#### Changes in the physical state

#### Flammability

solid : non-combustible

The product is classified as non-combustible based on its composition

#### Explosive properties

The product is not explosive.  
(EU -A.14 or argument by analogy )

#### Oxidizing properties

The product is not classified as oxidising. (EU -A.17 or argument by analogy )  
Contact with combustible material may cause fire.

Water solubility : completely miscible

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**10. Stability and Reactivity****Stability**

Unstable

**Conditions to avoid**

To avoid thermal decomposition, do not overheat.

**Materials to avoid**

bases  
metals  
reducing agents  
flammable materials  
humid air and water

**Hazardous decomposition products**

oxygen ( decomposes when moist. )

**Possibility of Hazardous Reactions**

May occur

**11. Toxicological Information****Acute toxicity**

Harmful if swallowed.

DIPOTASSIUM PEROXODISULPHATE (POTASSIUM PERSULFATE)

LD50/oral/rat = 1000 mg/kg

**Irritancy and corrosiveness**

Eye irritation:  
Irritating to eyes. (Risk of serious damage to eyes.)  
Skin irritation:  
May cause skin irritation.

**Sensitising effect**

May cause sensitisation by inhalation and skin contact.

**Subacute, subchronic and prolonged toxicity**

Repeated or long term contact can lead to skin irritations.

**12. Ecological Information****Ecotoxicity**

persulfate salts : Toxic to aquatic organisms.

**Persistence and degradability**

persulfate salts :  
Rapid elimination in sewage treatment plants

**13. Disposal Considerations****Advice on disposal**

In accordance with local and national regulations.  
The bottle must be completely empty before disposal

**14. Transport Information**US DOT 49 CFR 172.101

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**Propper Shipping Name**

DOT Class: not regulated

**Land transport (ADR/RID)****Inland waterways transport****Marine transport****Air transport****Futher Information**

Not classified as dangerous in the meaning of transport regulations.

**15. Regulatory Information****U.S. Regulations****16. Other Information****Other data**

Canada:WHMIS classification: D2B

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*