1. IDENTIFICATION

Product Name: Wella Professional Blondor Freelights White Lightening Powder

Product ID: 95728784_PROF_NG

Product Type: Finished Product - Professional Use Only

Recommended Use: Personal Beauty Care Product

Manufacturer: The Procter & Gamble Company
Sharon Woods Innovation Center
11510 Reed Hartman Highway
Cincinnati OH 45241
+1 513 626-2500

Procter & Gamble Inc.
P.O. Box 355, Station A
Toronto, ON M5W 1C5
Professional Products: 1-800-465-2945; Retail Products: 1-800-465-2945

E-mail Address: pgsds.im@pg.com

Emergency Telephone: Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 800-681-9531

2. HAZARD IDENTIFICATION

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

- Skin corrosion/irritation: Category 2
- Eye Damage / Irritation: Category 2B

Signal Word: WARNING

Hazard Statements:
Causes skin irritation
Causes eye irritation

Hazard pictograms: !
3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Synonyms</th>
<th>Trade Secret</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaolin</td>
<td>-</td>
<td>No</td>
<td>1332-58-7</td>
<td>35 - 40</td>
</tr>
<tr>
<td>Silicic acid, sodium salt</td>
<td>-</td>
<td>No</td>
<td>1344-09-8</td>
<td>15 - 20</td>
</tr>
<tr>
<td>Diammonium peroxodisulphate</td>
<td>-</td>
<td>No</td>
<td>7727-54-0</td>
<td>15 - 20</td>
</tr>
<tr>
<td>Dipotassium peroxodisulphate</td>
<td>-</td>
<td>No</td>
<td>7727-21-1</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>-</td>
<td>No</td>
<td>8012-95-1</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Cellulose, 2-hydroxyethyl ether</td>
<td>-</td>
<td>No</td>
<td>9004-62-0</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Octadecanoic acid, sodium salt (1:1)</td>
<td>-</td>
<td>No</td>
<td>822-16-2</td>
<td>0.5 - 1.5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact

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 or doctor/physician. If eye irritation persists: Get medical advice/attention.

Skin contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Remove and wash contaminated clothing before re-use.

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Inhalation

None under normal use.

Protection of first-aiders

Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

Most important symptoms/effects, acute and delayed

MAY CAUSE SKIN IRRITATION. May cause eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES
Suitable extinguishing media
Water. Dry chemical. Alcohol-resistant foam. Carbon dioxide (CO$_2$).

Unsuitable Extinguishing Media
None.

Special hazard
None known.

Special protective equipment for fire-fighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards arising from the chemical
None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Do not get in eyes, on skin, or on clothing. Wear protective gloves/clothing and eye/face protection.

Advice for emergency responders
Use personal protective equipment as required.

Methods and materials for containment and cleaning up

Methods for containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
Keep away from clothing and other combustible materials.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible products
None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>Mexico PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaolin</td>
<td>1332-58-7</td>
<td>TWA: 2 mg/m$^3$ particulate matter containing no asbestos and &lt;1% crystalline silica, respirable fraction</td>
<td>TWA: 15 mg/m$^3$ total dust TWA: 5 mg/m$^3$ respirable fraction (vacated) TWA: 10 mg/m$^3$ total dust (vacated) TWA: 5 mg/m$^3$ respirable fraction</td>
<td>Mexico: TWA 10 mg/m$^3$ Mexico: STEL 20 mg/m$^3$</td>
</tr>
<tr>
<td>Diammonium peroxodisulphate</td>
<td>7727-54-0</td>
<td>TWA: 0.1 mg/m$^3$ Persulfate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dipotassium peroxodisulphate</td>
<td>7727-21-1</td>
<td>TWA: 0.1 mg/m$^3$ Persulfate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>8012-95-1</td>
<td>TWA: 5 mg/m$^3$ inhalable fraction excluding metal working fluids</td>
<td>TWA: 5 mg/m$^3$ (vacated) TWA: 5 mg/m$^3$</td>
<td>Mexico: TWA 5 mg/m$^3$ Mexico: STEL 10 mg/m$^3$</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>CAS-No</td>
<td>Alberta TWA:</td>
<td>Quebec TWA:</td>
<td>Ontario TWAEV:</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------</td>
<td>--------------</td>
<td>-------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Kaolin</td>
<td>1332-58-7</td>
<td>2 mg/m^3</td>
<td>5 mg/m^3</td>
<td>2 mg/m^3</td>
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<tr>
<td>Diammonium peroxodisulphate</td>
<td>7727-54-0</td>
<td>0.1 mg/m^3</td>
<td></td>
<td>0.1 mg/m^3</td>
</tr>
<tr>
<td>Dipotassium peroxodisulphate</td>
<td>7727-21-1</td>
<td>0.1 mg/m^3</td>
<td></td>
<td>0.1 mg/m^3</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>8012-95-1</td>
<td>5 mg/m^3</td>
<td>5 mg/m^3</td>
<td>5 mg/m^3</td>
</tr>
</tbody>
</table>

No relevant exposure guidelines for other ingredients

**Exposure controls**

**Engineering Measures**

No information available

**Personal Protective Equipment**

**Eye Protection**

Manufacturing Sites:
Safety glasses with side-shields

Distribution, Workplace and Household Settings:
No special protective equipment required

**Hand Protection**

Manufacturing Sites:
Rubber/latex/neoprene or other suitable chemical resistant gloves

Distribution, Workplace and Household Settings:
For sensitive skin or prolonged use, wear gloves

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves

Protective gloves

**Skin and Body Protection**

No special protective equipment required

**Respiratory Protection**

No special protective equipment required

**Hygiene measures**

Manufacturing Sites:
Wash hands thoroughly after handling

Distribution, Workplace and Household Settings:
Do not eat, drink or smoke when using this product

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State @20°C</td>
<td>solid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>powder</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Perfume</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH value</td>
<td>9.9 - 10.6</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
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</tr>
<tr>
<td>Relative density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
None under normal use conditions.

Stability
Stable under normal conditions.

Hazardous polymerization
Hazardous polymerization does not occur.

Hazardous Reactions
None under normal processing.

Conditions to Avoid
Excessive heat.

Materials to avoid
Combustible materials.

Hazardous Decomposition Products
None under normal use.

11. TOXICOLOGICAL INFORMATION

Product Information
Information on likely routes of exposure

Inhalation
No known effect.

Skin contact
Irritating to skin.

Ingestion
Harmful if swallowed.

Eye contact
Avoid contact with eyes. Irritating to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity
May be harmful if swallowed.

Skin corrosion/irritation
Irritating to skin.

Serious eye damage/eye irritation
Irritating to eyes.

Skin sensitization
No known effect.

Respiratory sensitization
No known effect.

Germ cell mutagenicity
No known effect.

Neurological Effects
No known effect.

Reproductive toxicity
No known effect.

Developmental toxicity
No known effect.

Teratogenicity
No known effect.

STOT - single exposure
No known effect.

STOT - repeated exposure
No known effect.

Target Organ Effects
No known effect.

Aspiration hazard
No known effect.

Carcinogenicity
No known effect.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicic acid, sodium salt</td>
<td>1344-09-8</td>
<td>3400 mg/kg bw (Similar to OECD 401; standard acute method; rat)</td>
<td>&gt; 5000 mg/kg bw (Read across data on AgSil TM 25 Potassium silicate solution; rat)</td>
<td>&gt; 2.06 mg/L air (Read across data AgSil TM 25 Potassium silicate solution; EPA OPPTS 870.1300; standard acute method; rat)</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION
**Ecotoxicity**

The product is not expected to be hazardous to the environment.

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

**Mobility** No information available.

**Other adverse effects** No information available.

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**13. DISPOSAL CONSIDERATIONS**

**Waste treatment**

**Waste from Residues / Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Codes**

- **331**

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**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

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**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diammonium peroxodisulphate</td>
<td>7727-54-0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**Food and Drug Administration (FDA)**

The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable).

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.
Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

California Proposition 65
This product is not subject to warning labeling under California Proposition 65.

U.S. State Regulations (RTK)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>New Jersey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaolin</td>
<td>1332-58-7</td>
<td>X</td>
</tr>
<tr>
<td>Diammonium peroxodisulphate</td>
<td>7727-54-0</td>
<td>X</td>
</tr>
<tr>
<td>Dipotassium peroxodisulphate</td>
<td>7727-21-1</td>
<td>X</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>8012-95-1</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaolin</td>
<td>1332-58-7</td>
<td>X</td>
</tr>
<tr>
<td>Dipotassium peroxodisulphate</td>
<td>7727-21-1</td>
<td>X</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>8012-95-1</td>
<td>X</td>
</tr>
<tr>
<td>Silica</td>
<td>7631-86-9</td>
<td>X</td>
</tr>
<tr>
<td>Silica (SiO2)</td>
<td>7631-86-9</td>
<td>X</td>
</tr>
</tbody>
</table>

International Inventories

United States
Product is a personal care product and regulated under FDA.

Canada
This product is in compliance with CEPA for import by P&G.

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
CEPA - Canadian Environmental Protection Act

Perfumes contained with the products comply with appropriate IFRA guidance.

16. OTHER INFORMATION

Issuing Date: 08-May-2015
Revision Date: 08-May-2015

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of SDS