# 1. Product and Company Identification

## 1.1 Commercial product name

GENTLE TREATMENT SEMI HAIR COLOR

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** Further product name **

<table>
<thead>
<tr>
<th>SHADES AND FORMULA NUMBERS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>BREATHTAKING BLACK (JET BLACK 10) = 74380010000</td>
</tr>
<tr>
<td>DEEPEST ESPRESSO (DARKEST BROWN 20) = 74380020000</td>
</tr>
<tr>
<td>SWEET ALMOND (DARK BROWN 30) = 74380030000</td>
</tr>
<tr>
<td>CARAMELIZED COCOA (MED BROWN 40) = 74380040000</td>
</tr>
<tr>
<td>MOROCCAN SAND (MED ASH BROWN 41) = 74380110000</td>
</tr>
<tr>
<td>DIVINE WINE (BURGUNDY 56) = 74380090000</td>
</tr>
<tr>
<td>ASPIRATIONAL AMBER 8 (WRM ORG RD 74) = 74380070000</td>
</tr>
<tr>
<td>CAPTIVATING CRIMSON (BURGUNDY RED 64) = 74380080000</td>
</tr>
<tr>
<td>CHOCOLATE MOUSSE (CHOC BRN 67) = 74380100000</td>
</tr>
<tr>
<td>SPICED COGNAC (LT WRM BROWN 84) = 74380060000</td>
</tr>
</tbody>
</table>

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** Chemical characterization:**

(preparation)

Finished product: maximum 8% dyes

## 1.2 Information manufacturer / supplier

<table>
<thead>
<tr>
<th>Company name:</th>
<th>Johnson Products, Distributed by Procter &amp; Gamble, Stamford, CT 06922</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone:</td>
<td></td>
</tr>
<tr>
<td>Prepared by:</td>
<td>WELLIA AG - Berliner Allee 65 - D--64274 Darmstadt</td>
</tr>
<tr>
<td>Contact person:</td>
<td>RD-PSCE-Herr Schoder</td>
</tr>
<tr>
<td>e-mail:</td>
<td><a href="mailto:WSchoder@Wella.de">WSchoder@Wella.de</a></td>
</tr>
<tr>
<td>Internet:</td>
<td><a href="http://www.wella.de">www.wella.de</a></td>
</tr>
<tr>
<td>Inquiry office:</td>
<td>Emergency telephone USA only: call CHEMTREC 1-800-424-9300</td>
</tr>
</tbody>
</table>

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**Emergency telephone Germany:**

0049-(0)-6151-34-0-342748

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**Emergency telephone USA only:**

0049-(0)-6151-340-9300

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**Revision:** 09.05.2005
Safety Data Sheet

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Hazardous components

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>6358-09-4</td>
<td>2-AMINO-6-CHLORO-4- NITROPHENOL</td>
<td>max.&lt;1%</td>
</tr>
<tr>
<td>70643-20-8</td>
<td>[4-(2-HYDROXYETHOXY)-1,3-PHENYLENE]DIAMONIUMSULPHATE (2,4-DIAMINOPHENOXYETHANOL SULFATE)</td>
<td>max.&lt;2%</td>
</tr>
<tr>
<td>83763-48-8</td>
<td>(3-AMMONIO-4-METHOXYPHENYL)(2-HYDROXYETHYL)AMMONIUM SULPHATE (2-AMINO-4-HYDROXYETHYLAMINOANISOLE SULFATE)</td>
<td>max.&lt;0.1%</td>
</tr>
<tr>
<td>591-27-5</td>
<td>3-AMINOPHENOL (M-AMINOPHENOL)</td>
<td>max.&lt;1%</td>
</tr>
<tr>
<td>94158-14-2</td>
<td>2-(1,3-BENZODIZOXOL-5-YLAMINO)ETHANOL HYDROCHLORIDE (HYDROXYETHYL-3,4-METHYLENEDIOXYANILINE HCL)</td>
<td>max.&lt;1%</td>
</tr>
<tr>
<td>1335-72-4</td>
<td>SODIUM 2-(2-(DODECYLOXY ETHOXY)ETHYL SULPHATE,28% (SODIUM LAURETH SULFATE)</td>
<td>3% - 5%</td>
</tr>
<tr>
<td>2835-95-2</td>
<td>5-AMINO-O-CRESOL (4-AMINO-2-HYDROXYTOLUENE)</td>
<td>max.&lt;3%</td>
</tr>
<tr>
<td>608-25-3</td>
<td>2-METHYLRESORCINOL</td>
<td>max.&lt;1%</td>
</tr>
<tr>
<td>90-15-3</td>
<td>1-NAPHTHOL</td>
<td>max.&lt;1%</td>
</tr>
<tr>
<td>2871-01-4</td>
<td>2-(4-AMINO-2-NITROANILINO)ETHANOL (HC RED NO.3)</td>
<td>max.&lt;1%</td>
</tr>
<tr>
<td>2835-98-5</td>
<td>6-AMINO-M-CRESOL</td>
<td>max.&lt;1%</td>
</tr>
<tr>
<td>127036-24-2</td>
<td>POLYOXYETHYLENE(3) UNDECYL ETHER (UNDECETH-3)</td>
<td>20% - 25%</td>
</tr>
<tr>
<td>64-17-5</td>
<td>ETHANOL (ALCOHOL)</td>
<td>max.&lt;1%</td>
</tr>
<tr>
<td>155601-30-2</td>
<td>1-(HYDROXYETHYL)-1H- PYRAZOLE- 4,5-DIVLDIAMONIUM SULPHATE (1-HYDROXYETHYL 4,5-DIAMINO PYRAZOLE SULFATE)</td>
<td>max.&lt;1%</td>
</tr>
<tr>
<td>141-43-5</td>
<td>2-AMINOETHANOL (ETHANOLAMINE)</td>
<td>max.5%</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>SODIUM HYDROXIDE</td>
<td>max.&lt;3%</td>
</tr>
<tr>
<td>2835-99-6</td>
<td>4-AMINO-M-CRESOL</td>
<td>max.&lt;3%</td>
</tr>
<tr>
<td>6369-59-1</td>
<td>2-METHYL-P-PHENYLENE DIAMINE SULFATE (TOLUENE-2,5-DIAMINE SULFATE)</td>
<td>max.&lt;5%</td>
</tr>
<tr>
<td>108-46-3</td>
<td>RESORCINOL</td>
<td>max.&lt;1%</td>
</tr>
</tbody>
</table>

3. Hazards Identification

Route(s) of Entry
- Inhalation: Yes
- Ingestion: Yes
- Skin: Yes

Signs and Symptoms of Exposure
- Harmful if swallowed.
- Irritating to eyes. (Risk of serious damage to eyes.)
- May cause sensitization by skin contact.
- May produce an allergic reaction.
- May cause skin irritation.

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. If symptoms persist, call a physician.

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

After contact with eyes
Flush eye(s) immediately with plenty of water.
If eye irritation persists, consult a specialist.

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 (CO2)

Special exposure hazards arising from the chemical
The release of the following substances is possible in a fire:
- nitrogen oxides (NOx)
- sulphur oxides
- 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
Avoid contact with skin, eyes and clothing.
Do not breathe in vapours.

Environmental precautions
Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

Methods for cleaning up/taking up
Wipe up with absorbent material (e.g. cloth, fleece).
After cleaning, flush away traces with water.

7. Handling and Storage

7.1 Handling
Advice on safe handling
Avoid contact with skin, eyes and clothing.
Do not breathe vapour.
Provide sufficient air exchange and/or exhaust in work rooms.
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Advice on protection against fire and explosion
The product is not flammable.
If the components are mixed in a bottle: Do not leave the mixture in the closed bottle (bottle may expand/burst)

Further information on handling
Follow the instructions
Do not use hair dyes if you have already experienced an adverse reaction to a hair colorant.
Do not use the hair dye if the scalp is sensitive or shows abrasions or scratches.
Do not use to dye eyelashes or eyebrows.
Use mixture immediately. Do not use any leftovers - Dispose of promptly.
Do not exceed the development time stated
Rinse hair well after application
Do not use when the hair has previously been coloured with metal dyes
Do not perm the hair immediately before or after dyeing the hair.

7.2 Storage
Requirements for storage rooms and vessels
Keep in a dry, cool place.
Protect from heat and direct sunlight.
Keep out of reach of children.

Further information on storage conditions
Keep at temperatures above -15 °C.
Keep at temperature not exceeding 40 °C.

8. Exposure Controls / Personal Protection

8.1 Exposure limit values

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Components</th>
<th>ml/m³</th>
<th>mg/m³</th>
<th>fib/cc</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>141-43-5</td>
<td>Ethanolamine</td>
<td>3</td>
<td>6</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
<tr>
<td>64-17-5</td>
<td>Ethyl alcohol (Ethanol)</td>
<td>1000</td>
<td>1900</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
<tr>
<td>1310-73-2</td>
<td>Sodium hydroxide</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
</tbody>
</table>

8.2 Exposure controls
Occupational exposure controls
The maximum occupational exposure limit will not be reached under normal conditions of use

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: mass; viscous
Colour: various
Odour: perfumed

9.2 Important health, safety and environmental information
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Test method

pH-Value : 8.0 - 9.0

Changes in the physical state
Flash point : non-combustible

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

Explosive properties
Not applicable

Oxidizing properties
Not applicable

Density : 0.97 - 1.00 g/cm³
Water solubility : completely miscible

10. Stability and Reactivity

Stability
Stable

Materials to avoid
strong oxidising agents

Possibility of Hazardous Reactions
May occur

11. Toxicological Information

Acute toxicity
Harmful if swallowed.

2-METHYL-P-PHENYLENE DIAMINE SULFATE (TOLUENE-2,5-DIAMINE SULFATE) :
LD50/oral/rat = 98 mg/kg (RTECS)
LD50/dermal/rabbit = 1120 mg/kg (RTECS)

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

Sensitising effect
May cause sensitization by skin contact.
May produce an allergic reaction.

Subacute, subchronic and prolonged toxicity
Repeated or long term contact can lead to skin irritations.

12. Ecological Information

Ecotoxicity
Contains substances very toxic to aquatic organisms.

Persistence and degradability
Some constituents are not readily biodegradable.

13. Disposal Considerations
Advice on disposal
The bottle must be completely empty before disposal
Dispose of as hazardous waste in compliance with local and national regulations.

14. Transport Information

US DOT 49 CFR 172.101
Proper Shipping Name
DOT Class: not regulated

Land transport (ADR/RID)
Inland waterways transport
Marine transport
Air transport

Further 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.)