## 1. Product and Company Identification

### 1.1 Commercial product name

PERFECTONE HAIR COLOR

Further product name:
- SHADES AND FORMULA NUMBERS:
  - BLACK 2/0=73003010000; BLUE BLACK 2/8=73003480000; DARK BROWN 3/0=73003020000; MED BROWN 4/0=73003030000; BURGUNDY 4/6=73003350000; BURNING RED 4/66=73003370000; LIGHT BROWN 5/0=72001231101; CHESTNUT 5/4=73003220000; MAHOGANY 5/5=73003320000; COPPER MAHOGANY 6/4=73003230000; DARK RED 6/45=73003270000; MEDIUM BLONDE 7/0=70364003300; MEDIUM GOLDEN BROWN 7/3=73003190000; RUBY RED 7/4=73003240000; FAWN BROWN 7/7=73003410000; VERY GOLDEN BLONDE 9/3=73003200000

Chemical characterization: (preparation)
- Finished product: maximum 7% dyes

### 1.2 Information manufacturer / supplier

- **Company name:** Johnson Products, Distributed by Procter & Gamble, Stamford, CT 06922
- **Telephone:**
- **Prepared by:** WELLA AG - Berliner Allee 65 - D-64274 Darmstadt
- **Contact person:** RD-PSCE-Herr Schoder
- **Telephone:** 0049-(0)6151-34-0
- **e-mail:** WSchoder@Wella.de
- **Telefax:** 0049-(0)6151-342748
- **Internet:** www.wella.de
- **Inquiry office:** Emergency telephone USA only: call CHEMTREC 1-800-424-9300
- **Emergency telephone:** 0049-(0)-6151-340-Germany

## 2. Composition / Information on Components

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Revision no.: USA - EN

Revision date: 09.05.2005
3. Hazards Identification

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

**Signs and Symptoms of Exposure**
- Harmful if swallowed.
- Can have an irritating effect on the 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

**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.

**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 -20 °C.
Keep at temperature not exceeding 40 °C.

8. Exposure Controls / Personal Protection

8.1 Exposure limit values
Permissible exposure limits (PEL)

<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>7664-41-7</td>
<td>Ammonia</td>
<td>50</td>
<td>35</td>
<td>.</td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
<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: creme ; viscous
Colour: various
Odour: perfumed ; ammoniacal

9.2 Important health, safety and environmental information
Test method
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 - 1.01 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:
Can have an irritating effect on the 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.)*