

Safety Data Sheet

according to ANSI Z400.1-1998

PERFECTONE HAIR COLOR

Print date : 09.05.2005

Product code : PERFECTONE

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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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Hazardous components

| CAS No. | Components | Quantity |
|------------|---|-----------|
| 141-43-5 | 2-AMINOETHANOL (ETHANOLAMINE) | max.4% |
| 151-21-3 | SODIUM DODECYL SULFATE,30% (SODIUM LAURYL SULFATE) | 5% - 10% |
| 64-17-5 | ETHANOL (ALCOHOL) | max.<1% |
| 1336-21-6 | AMMONIA,AQUEOUS SOLUTION 25% | 3% - 10% |
| 96-91-3 | 2-AMINO-4,6-DINTROPHENOL,CONTAINS >= 20% WATER (PICRAMIC ACID) | max.<0.1% |
| 83763-48-8 | (3-AMMONIO-4-METHOXYPHENYL)(2-HYDROXYETHYL)AMMONIUM SULPHATE (2-AMINO-4-HYDROXYETHYLAMINOANISOLE SULFATE) | max.<0.1% |
| 1335-72-4 | SODIUM 2-(2-(DODECYLOXY ETHOXY)ETHYL SULPHATE,28% (SODIUM LAURETH SULFATE) | max.10% |
| 608-25-3 | 2-METHYLRESORCINOL | max.<0.1% |
| 90-15-3 | 1-NAPHTHOL | max.<0.1% |
| 70643-20-8 | [4-(2-HYDROXYETHOXY)-1,3-PHENYLENE]DIAMMONIUMSULPHATE (2,4-DIAMINOPHENOXYETHANOL SULFATE) | max.<1% |
| 2835-95-2 | 5-AMINO-O-CRESOL (4-AMINO-2-HYDROXYTOLUENE) | max.<2% |
| 591-27-5 | 3-AMINOPHENOL (M-AMINOPHENOL) | max.<1% |
| 6358-09-4 | 2-AMINO-6-CHLORO-4- NITROPHENOL | max.<1% |
| 1310-73-2 | SODIUM HYDROXIDE | max.<1% |
| 2835-99-6 | 4-AMINO-M-CRESOL | max.<2% |
| 6369-59-1 | 2-METHYL-P-PHENYLENE DIAMINE SULFATE (TOLUENE-2,5-DIAMINE SULFATE) | max.<4% |
| 108-46-3 | RESORCINOL | max.<2% |

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

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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 (NO_x) ;
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 breath 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

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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)

| CAS No. | Components | ml/m ³ | mg/m ³ | fib/cc | Category | Origin |
|-----------|-------------------------|-------------------|-------------------|--------|-----------|--------|
| 7664-41-7 | Ammonia | 50 | 35 | | TWA (8 h) | PEL |
| 141-43-5 | Ethanolamine | 3 | 6 | | TWA (8 h) | PEL |
| 64-17-5 | Ethyl alcohol (Ethanol) | 1000 | 1900 | | TWA (8 h) | PEL |
| 1310-73-2 | Sodium hydroxide | - | 2 | | TWA (8 h) | PEL |

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

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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.

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14. Transport Information

US DOT 49 CFR 172.101

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.)