

Safety Data Sheet

according to ANSI Z400.1-1998

KOLESTON PERFECT**MSDS 2 of 3**

Print date : 06.11.2008

Product code : KOL.PERF.

Page 1 of 6

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

KOLESTON PERFECT / NOTE: This list is not inclusive of all shades. If product shade is not found, please refer to additional MSDS sheets

Further product name

SHADES AND FORMULA NUMBERS::

0/19 (0/11)=72002600701 ; 0/28=72002700101 ; 0/33=72002620701 ; 0/43=72002630601 ;
 0/45=72002640801 ; 0/65=72002650100 ; 0/66=72002660702 ; 0/88=72002680701 ; 2/0(22/0)=72001002802 ;
 3/0=72001011302 ; 3/0(33/0)=72001211402 ; 3/66 (3/6)=72002091102 ; 4/0=72001022002 ; 4/0
 (44/0)=72001221102 ; 4/07=72002940100 ; 44/65=72002780402 ; 4/6=72002011602 ; 4/65=72002060602
 4/75=72002281302 ; 5/0=72001031402 ; 5/0(55/0)=72001231002 ; 5/00=72001130801 ;
 5/07=72002950100 ; 5/1(5/11)=72001430702 ; 5/3=72001601102 ; 5/4=72001743402 ;
 5/46=72001881002 ; 5/5=72001912802 ; 55/44=72002870001 ; 55/46=72002750203 ; 5/75=72002291502
 5/93=72002420602 ; 6/0=72001041602 ; 6/0(66/0)=72001242302 ; 6/01=72001321602 ;
 6/07=72002960100 ; 6/1=72001441202 ; 6/2=72001550802 ; 6/3=72001611202 ; 6/34=72001671502 ;
 6/4=72001752102 ; 6/43=72001791202 ; 6/45=72001851702 ; 6/6=72002030602 ; 66/44=72002880001 ;
 66/46=72002740203 ; 6/7=72002142902 ; 6/73(6/731)(306/3)=72002201202 ; 6/74=72002250402 ;
 6/75=72002300802 ; 7/0=72001051702 ; 7/0(77/0)=72001251902 ; 7/01=72001331402 ;
 7/03=72001381102 ; 7/07=72002970100 ; 7/1=72001451302 ; 7/2=72001560902 ; 7/3=72001624502 ;
 7/34=72001680802 ; 7/4=72001762002 ; 7/43=72001801002 ; 7/45=72001861302 ; 7/64=72002050702 ;
 7/7=72002151902 ; 7/73=72002210602 ; 77/44=72002720203 ; 7/75=72002311302 ; 7/93=72002440602 ;
 8/0=72001061402 ; 8/0(88/0)=72001262002 ; 8/01=72001341002 ; 8/03=72001391102 ;
 8/07=72002980100 ; 8/1=72001460802 ; 8/2=72001570902 ; 8/3=72001631302 ; 8/34=72001690702 ;
 8/37=72002550001 ; 8/4=72001770802 ; 8/43=72001810702 ; 8/7=72002160901 ; 8/74=72002270302 ;
 8/93=72002450602 ; 9/0=72001070902 ; 9/0(99/0)=72001272302 ; 9/01=72001350902 ;
 9/03=72001401202 ; 9/1=72001471502 ; 9/16=72001300001 ; 9/2=72001580402 ; 9/3=72001641801 ;
 9/34=72001701102 ; 9/36=72001420001 ; 9/5=72001950702 ; 9/7=72002170902 ; 9/73=72002231302 ;
 9/8=72002370801 ; 9/93=72002460602 ; 10/0(110/0)=72001081701 ; 10/03=72001410402 ;
 10/1=72001480302 ; 10/16=72001310001 ; 10/3=72001651601 ; 10/6=72002590001 ; 10/8=72002381002

Chemical characterization : (preparation)

Finished product: maximum 8% dyes

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
 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

Safety Data Sheet

according to ANSI Z400.1-1998

KOLESTON PERFECT

Print date : 06.11.2008

Product code : KOL.PERF.

Page 2 of 6

Hazardous components

CAS No.	Components	Quantity
591-27-5	3-AMINOPHENOL (M-AMINOPHENOL)	<1%
92952-81-3	4-[(3-HYDROXYPROPYL)AMINO]-3-NITROPHENOL (4-HYDROXYPROPYLAMINO-3-NITROPHENOL)	max.3%
2835-95-2	5-AMINO-O-CRESOL (4-AMINO-2-HYDROXYTOLUENE)	max.3%
6358-09-4	2-AMINO-6-CHLORO-4- NITROPHENOL	max.3%
54381-16-7	(P-AMMONIOPHENYL)BIS(2-HYDROXYETHYL)AMMONIUM SULPHATE (N,N-BIS(2-HYDROXYETHYL)-P-PHENYLENEDIAMINE SULFATE)	<1%
83763-48-8	(3-AMMONIO-4-METHOXYPHENYL)(2-HYDROXYETHYL)AMMONIUM SULPHATE (2-AMINO-4-HYDROXYETHYLAMINOANISOLE SULFATE)	max.2%
155601-30-2	1-(HYDROXYETHYL)-1H- PYRAZOLE- 4,5-DIYLDIAMMONIUM SULPHATE (1-HYDROXYETHYL 4,5-DIAMINO PYRAZOLE SULFATE)	max.3%
1336-21-6	AMMONIA,AQUEOUS SOLUTION 25%	5% - <15%
108-46-3	RESORCINOL	max.2%
1310-73-2	SODIUM HYDROXIDE	<1%
2835-98-5	6-AMINO-M-CRESOL	<1%
56216-28-5	3,5-DIAMINO-2,6-DIMETHOXPYRIDINE DIHYDROCHLORIDE (2,6-DIMETHOXY-3,5-PYRIDINEDIAMINE HCL)	<1%
610-81-1	4-AMINO-3-NITROPHENOL	<1%
608-25-3	2-METHYLRESORCINOL	<1%
90-15-3	1-NAPHTHOL	<1%
94158-14-2	2-(1,3-BENZODIOXOL-5-YLAMINO)ETHANOL HYDROCHLORIDE (HYDROXYETHYL-3,4-METHYLENEDIIOXYANILINE HCL)	<1%
89-25-8	3-METHYL-1-PHENYL-5-PYRAZOLONE (PHENYL METHYL PYRAZOLONE)	<1%
99610-72-7	2-(2-HYDROXY-3,5-DINITROANILINO)ETHANOL (2-HYDROXYETHYL PICRAMIC ACID)	<1%
96-91-3	2-AMINO-4,6-DINTROPHENOL,CONTAINS >= 20% WATER (PICRAMIC ACID)	<1%
151-21-3	SODIUM DODECYL SULFATE,30% (SODIUM LAURYL SULFATE)	5% - 10%
2835-99-6	4-AMINO-M-CRESOL	max.3%
1335-72-4	SODIUM 2-(2-(DODECYLOXY ETHOXY)ETHYL SULPHATE,28% (SODIUM LAURETH SULFATE)	5% - 10%
6369-59-1	2-METHYL-P-PHENYLENE DIAMINE SULFATE (TOLUENE-2,5-DIAMINE SULFATE)	max.4%

3. Hazards Identification

Route(s) of Entry

Inhalation Yes

Ingestion: Yes

Skin: Yes

Signs and Symptoms of Exposure

Harmful if swallowed.

May cause sensitization by skin contact.

May produce an allergic reaction.

Irritating to eyes.

May cause skin irritation.

Carcinogenicity (NTP) : No

Carcinogenicity (IARC) : No

Carcinogenicity (OSHA) : No

Safety Data Sheet

according to ANSI Z400.1-1998

KOLESTON PERFECT

Print date : 06.11.2008

Product code : KOL.PERF.

Page 3 of 6

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 (NO_x)

sulphur 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

Safety Data Sheet

according to ANSI Z400.1-1998

KOLESTON PERFECT

Print date : 06.11.2008

Product code : KOL.PERF.

Page 4 of 6

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)

CAS No.	Components	ml/m ³	mg/m ³	fib/cc	Category	Origin
7664-41-7	Ammonia	50	35		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

Safety Data Sheet

according to ANSI Z400.1-1998

KOLESTON PERFECT

Print date : 06.11.2008

Product code : KOL.PERF.

Page 5 of 6

Odour : perfumed ; ammoniacal

9.2 Important health, safety and environmental information

Test method

Changes in the physical state

Flash point :

>200 °C Pensky-Martens,cc

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:

Irritating 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

Safety Data Sheet

according to ANSI Z400.1-1998

KOLESTON PERFECT

Print date : 06.11.2008

Product code : KOL.PERF.

Page 6 of 6

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****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.)