

Material Safety Data Sheet

according to ANSI Z400.1-2004

COLOR CHARM GEL

MSDS 5 of 5

Print date : 4/17/2007

Product code : C_CHAGEL1266

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1. Product and Company Identification

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

Commercial product name COLOR CHARM GEL SHADES 5BV(5/75) ; 5BR (5/74) ; 7BV (7/75)

Further product name 5BV(5/75)= 886393007 ; 5BR (5/74)=886493005 ; 7BV (7/75)=886493006

Chemical characterization (preparation)
Finished product maximum 4% dyes

Information manufacturer / supplier

Company name : P&G Dist.Co., Cincinnati, OH 45202 □
Telephone: 1-800-221-4900
Place : D--64274 Darmstadt
Contact person : RD-PSCE-Herr Schoder Telephone : 0049 -(0)6151-34-0
e-mail : Schoder.W@pg.com Telefax : 0049-(0)6151-342748
Internet : www.wella.com
Inquiry office : Emergency telephone USA only: call CHEMTREC 1-800-424-9300
Emergency telephone : 0049-(0)-6151-340-Germany

2. Hazards Identification

Route(s) of Entry

Inhalation Yes
Ingestion: Yes
Skin: Yes

Signs and Symptoms of Exposure

Harmful if swallowed.
Irritating to respiratory system.
Irritating to eyes. (Risk of serious damage to eyes.)
Irritating to skin.
May cause sensitization by skin contact.
May produce an allergic reaction.

Carcinogenicity (NTP) : No

Carcinogenicity (IARC) : No

Carcinogenicity (OSHA) : No

Special hazards for human health and environment

Flammable.

3. Composition/Information on Ingredients

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Hazardous components

CAS No.	Components	Quantity
615-50-9	2-METHYL-P-PHENYLENE DIAMINE SULFATE (TOLUENE-2,5-DIAMINE SULFATE)	<=2%
141-43-5	2-AMINOETHANOL (ETHANOLAMINE)	<2%
2835-95-2	5-AMINO-O-CRESOL (4-AMINO-2-HYDROXYTOLUENE)	<1%
6358-09-4	2-AMINO-6-CHLORO-4- NITROPHENOL	<1%
108-46-3	RESORCINOL	<1%
608-25-3	2-METHYLRESORCINOL	<1%
2835-99-6	4-AMINO-M-CRESOL	<1%
90-15-3	1-NAPHTHOL	<0.1%
591-27-5	3-AMINOPHENOL (M-AMINOPHENOL)	<0.1%
1310-73-2	SODIUM HYDROXIDE	< 0.1 %
67-63-0	PROPANE-2-OL (ISOPROPYL ALCOHOL)	5% - 10%
127036-24-2	POLYOXYETHYLENE(3) UNDECYL ETHER (UNDECETH-3)	20% - 30%
1336-21-6	AMMONIA,AQUEOUS SOLUTION 25%	10% - <25%

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
/ alcohol-resistant 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) ;
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.

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6. Accidental Release Measures

Personal precautions

Ensure adequate ventilation.
Remove all sources of ignition.
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

Small amounts: Flush into sewer with plenty of water.
Larger amounts: Soak up the product with absorbent, non-flammable material.

7. Handling and Storage

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

Flammable.
Vapours may form explosive mixtures with air.
Keep away from sources of ignition - No smoking.
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.

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 0 °C.
Keep at temperature not exceeding 40 °C.

8. Exposure Controls/Personal Protection

Exposure limit values

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Exposure limits

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
67-63-0	Isopropyl alcohol	400	980		TWA (8 h)	PEL
1310-73-2	Sodium hydroxide	-	2		TWA (8 h)	PEL

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.

Hand protection

Wear enclosed gloves.

9. Physical and Chemical Properties

Appearance

Form : gel
Color : various
Odor : perfumed ; ammoniacal

Important health, safety and environmental information

Test method

Changes in the physical state

Flash point : 73.4 °F (23 °C) Abel-Pensky,cc

Explosive properties

Not applicable

Oxidizing properties

Not applicable

Density :

0.93 - 0.97 g/cm³

Water solubility :

completely miscible

Solvent content

5% - 10%

10. Stability and Reactivity

Stability

Stable

Materials to avoid

strong oxidising agents

Possibility of Hazardous Reactions

May occur

11. Toxicological Information

Acute toxicity

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Harmful if swallowed. (calculated)

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)

Corrosive and irritant effects

Eye irritation:

Irritating to eyes. (Risk of serious damage to eyes.)

Skin irritation:

Irritating to skin.

Irritating to respiratory system.

Sensitising effects

May cause sensitization by skin contact.

May produce an allergic reaction. .

12. Ecological Information

Ecotoxicity

Contains substances very toxic to aquatic organisms.

Persistence and degradability

Some constituents are not readily biodegradable.

Further information

Ecological injuries are not known or expected under normal use.

13. Disposal Considerations

Advice on disposal

In accordance with local and national regulations.

The bottle must be completely empty before disposal

14. Transport Information

US DOT 49 CFR 172.101

Proper shipping name

Consumer Commodity ORM-D

Land transport (ADR/RID)

ADR/RID class : 3

Warning plate

UN number : 1266

ADR/RID packing group : III

Description of the goods

Perfumery products

Marine transport

IMDG code : 3

UN number : 1266

EmS : F-E , S-D

IMDG packing group : III

Description of the goods

Perfumery products

Air transport

ICAO/IATA-DGR : 3

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UN/ID number : 1266

ICAO packing group : III

Description of the goods

Perfumery products

15. Regulatory Information

U.S. Regulations

16. Other Information

Other data

Canada:WHMIS classification: B2 ; D2B

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)