

# Safety Data Sheet

according to ANSI Z400.1-1998

**COLOR CHARM GEL**

**MSDS 1 of 5**

Print date : 07.07.2005

Product code :C\_CHARMGELU

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## 1. Product and Company Identification

### 1.1 Commercial product name

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

#### Further product name SHADES AND FORMULA NUMBERS:

1001=74370190000 ; 10GV (10/36)=74370300000 ; 12B (12W - 12/7)=74370430000 ; 12C (12/90)=74370400000 ; 12IC (12P - 12/89)=74370420000 ; 12NG (12/03)=74370440000 ; 356=74370310000 ; 367=74370360000 ; 3RV (3/56)=74370360001 ; 4R (4/4)=74370310001 ; 511=74370140000 ; 5N (5/0)=74370140001 ; 5RV (5/56)=74370380000 ; 611=74370150000 ; 6N (6/0)=74370150001 ; 6RV (6/56)=74370390000 ; 6WB (6/7)=886393011 ; 7WB (7/7)=886493039 ; 740-1/2=74370250000 ; 7N (7/0)=74370160000 ; 7NG (7/03)=74370600000 ; 810=74370050000 ; 811=74370170000 ; 8A (8/1)=74370250001 ; 8N (8/0)=74370170000 ; 8NG (8/03)=74370610000 ; 8RG (8/43)=74370350000 ; 9A (9/1)=74370260000 ; 9N (9/0)=74370180000 ; 9NG (9/03)=74370620000

#### Chemical characterization : ( preparation )

Finished product: maximum 4% dyes

### 1.2 Information manufacturer / supplier

Company name : P&G Dist.Co., Cincinnati, OH 45202 □  
Telephone: 1-800-221-4900  
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.<2%
1310-73-2	SODIUM HYDROXIDE	max.<1%
1336-21-6	AMMONIA,AQUEOUS SOLUTION 25%	10% - <25%
83763-48-8	(3-AMMONIO-4-METHOXYPHENYL)(2-HYDROXYETHYL)AMMONIUM SULPHATE (2-AMINO-4-HYDROXYETHYLAMINOANISOLE SULFATE)	max.<1%
108-46-3	RESORCINOL	max.<1%
90-15-3	1-NAPHTHOL	max.<1%
608-25-3	2-METHYLRESORCINOL	max.<1%
6369-59-1	2-METHYL-P-PHENYLENE DIAMINE SULFATE (TOLUENE-2,5-DIAMINE SULFATE)	max.<2%
96-91-3	2-AMINO-4,6-DINTROPHENOL (PICRAMIC ACID)	max.<1%
94158-13-1	2,2'-(4-AMINO-3-NITROPHENYL)IMINO]BISETHANOL HYDROCHLORIDE (HC RED NO.13)	max.<1%
94158-14-2	2-(1,3-BENZODIOXOL-5-YLAMINO)ETHANOL HYDROCHLORIDE (HYDROXYETHYL-3,4-METHYLENEDIOXYANILINE HCL)	max.<0.1%
2835-98-5	6-AMINO-M-CRESOL	max.<0.1%
65235-31-6	4-[(2-HYDROXYETHYL)AMINO]-3-NITROPHENOL (3-NITRO-P-HYDROXYETHYLAMINOPHENOL)	max.2%
127036-24-2	POLYOXYETHYLENE(3) UNDECYL ETHER (UNDECETH-3)	20% - 25%
2835-99-6	4-AMINO-M-CRESOL	max.<2%
67-63-0	PROPANE-2-OL (ISOPROPYL ALCOHOL)	5% - 10%
591-27-5	3-AMINOPHENOL (M-AMINOPHENOL)	max.<1%
6358-09-4	2-AMINO-6-CHLORO-4- NITROPHENOL	max.<1%
2835-95-2	5-AMINO-O-CRESOL (4-AMINO-2-HYDROXYTOLUENE)	max.1%

### 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. (Risk of serious damage to eyes. )  
Prolonged or repeated skin contact can have an irritating effect.

Carcinogenicity (NTP) : No

Carcinogenicity (IARC) : No

Carcinogenicity (OSHA) : No

#### Explication of special hazards for human health and environment

Flammable.

### 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  
alcohol-resistant foam  
chemical fire extinguisher  
carbon dioxide (CO<sub>2</sub>)

### Special exposure hazards arising from the chemical

The release of the following substances is possible in a fire:  
nitrogen oxides (NO<sub>x</sub>) ;  
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

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

### 7.1 Handling

#### Advice on safe handling

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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.

## 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 0 °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 <sup>3</sup>	mg/m <sup>3</sup>	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

### 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.

#### Hand protection

Wear enclosed gloves.

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### 9. Physical and Chemical Properties

#### 9.1 Appearance

Form : gel  
Colour : various ; opaque  
Odour : perfumed ; ammoniacal

#### 9.2 Important health, safety and environmental information

Test method

##### Changes in the physical state

Flash point : 82.4 °F (28 °C) Abel-Pensky,cc

##### Explosive properties

Not applicable

##### Oxidizing properties

Not applicable

Density :

0.93 - 0.96 g/cm<sup>3</sup>

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

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

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### Ecotoxicity

Contains substances very toxic to aquatic organisms.

### Persistence and degradability

Some constituents are not readily biodegradable.

## 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  
Warnings plate  
UN number : 1993  
ADR/RID packing group : III

#### Description of the goods

flammable liquid, n.o.s.

#### Inland waterways transport

#### Marine transport

IMDG code : 3  
UN number : 1993  
EmS : F-E , S-E  
IMDG packing group : III

#### Description of the goods

flammable liquid, n.o.s.

#### Remarks

Viscosity > 200 mm/s

#### Air transport

ICAO/IATA-DGR : 3  
UN/ID number : 1993  
IATA-packing instructions - Passenger : 309  
IATA-packing instructions - Cargo : 310  
ICAO packing group : III

#### Description of the goods

flammable liquid, n.o.s.

## 15. Regulatory Information

### U.S. Regulations

## 16. Other Information

### Other data

Canada:WHMIS classification: B2 ; D2B

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