

# Safety Data Sheet

according to ANSI Z400.1-1998

## COLOR CHARM CLEAR DEVELOPER 30 VOLUME

Print date : 05.04.2005

Product code : 71576070300F

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### 1. Product and Company Identification

#### 1.1 Commercial product name

COLOR CHARM CLEAR DEVELOPER 30 VOLUME

**Chemical characterization :** ( preparation )  
HYDROGEN PEROXIDE ; Aqueous solution

#### 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

#### Hazardous components

CAS No.	Components	Quantity
7722-84-1	HYDROGEN PEROXIDE 50%	18% w/w

### 3. Hazards Identification

#### Route(s) of Entry

Inhalation Yes  
Ingestion: Yes  
Skin: Yes

#### Signs and Symptoms of Exposure

Irritating to eyes. (Risk of serious damage to eyes. )  
Prolonged skin contact may cause skin irritation.  
Harmful if swallowed.

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 in case of accidental inhalation of vapours.  
If symptoms persist, call a physician.

#### After contact with skin

Wash off with soap and water.  
If skin irritation persists, call a physician.

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### After contact with eyes

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### 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 (CO<sub>2</sub>)

### Special exposure hazards arising from the chemical

Contact with combustible material may cause fire.

### 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.

Ensure adequate ventilation.

### Environmental precautions

Do not flush into surface water or sanitary sewer system. (undiluted)

### Methods for cleaning up/taking up

Small amounts: Flush into sewer with plenty of water.

Do not soak up with combustible material, e.g. paper

## 7. Handling and Storage

### 7.1 Handling

#### Advice on safe handling

Avoid contact with eyes.

Do not breathe vapour.

Provide sufficient air exchange and/or exhaust in work rooms.

#### Advice on protection against fire and explosion

Contact with combustible material may cause fire.

Materials to avoid : flammable materials, metals

Do not use metal bowl/stirrer for mixing

Use mixture immediately

Do not use any leftovers

If the components are mixed in a bottle: Do not leave the mixture in the closed bottle (bottle may expand/burst)

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### Further information on handling

Follow the instructions  
Do not use when the hair has previously been coloured with metal dyes  
Do not exceed the development time stated  
Rinse hair well after application

### 7.2 Storage

#### Requirements for storage rooms and vessels

Store in cool place.  
Protect from light.  
Keep out of reach of children.

#### Further information on storage conditions

Keep at temperatures above -5 °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
7722-84-1	Hydrogen peroxide	1	1.4		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 suitable gloves

#### Eye protection

If splashes are likely to occur, wear: tightly fitting safety goggles

## 9. Physical and Chemical Properties

### 9.1 Appearance

Form : liquid  
Colour : colourless ; clear  
Odour : characteristic

### 9.2 Important health, safety and environmental information

pH-Value : 2.0 - 3.0 Test method

#### Changes in the physical state

Flash point : non-combustible The product is classified as non-combustible based on its composition

#### Oxidizing properties

The product is not classified as oxidising.  
Contact with combustible material may cause fire.

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Density : 1.02 - 1.04 g/cm<sup>3</sup>  
Water solubility : completely miscible  
Autoignition temperature  
gas : not applicable

### 10. Stability and Reactivity

#### Stability

Unstable

#### Conditions to avoid

Direct heating, dirt, chemical contamination, sunlight, UV or ionizing radiation  
To avoid thermal decomposition, do not overheat.

#### Materials to avoid

flammable materials  
metals  
reducing agents  
bases

#### Hazardous decomposition products

oxygen

#### Possibility of Hazardous Reactions

May occur

### 11. Toxicological Information

#### Acute toxicity

Harmful if swallowed.

HYDROGEN PEROXIDE 9.6% :  
LD50/oral/rat = 1500 - 1600 mg/kg

#### Irritancy and corrosiveness

Eye irritation:

HYDROGEN PEROXIDE 8% :Risk of serious damage to eyes.  
Skin irritation:  
Patch test on human volunteers did not demonstrate irritating properties.

#### Sensitising effect

No known sensitizing effect.

#### Subacute, subchronic and prolonged toxicity

Prolonged skin contact may cause skin irritation.

### 12. Ecological Information

#### Ecotoxicity

HYDROGEN PEROXIDE :  
Acute fish toxicity = LC50(96h) = 16.4 mg/l (pimephales promelas,US EPA)  
EC50/48h/daphnia = 2.4 mg/l ( daphnia pulex,US EPA)  
EC50/72h/algae = 2.5 mg/l (chlorella vulgaris,OECD 201 mod.)  
Toxicity to bacteria:EC50(3h) = 466 mg/l (OECD 209)

#### Persistence and degradability

HYDROGEN PEROXIDE :  
biodegradable ; Rapid elimination in sewage treatment plants

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### 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

##### Propper Shipping Name

Consumer Commodity ORM-D

#### Land transport (ADR/RID)

ADR/RID class : 5.1  
Warnings plate  
UN number : 2984  
ADR/RID packing group : III

#### Description of the goods

HYDROGEN PEROXIDE,Aqueous solution

#### Inland waterways transport

#### Marine transport

IMDG code : 5.1  
UN number : 2984  
IMDG packing group : III

#### Description of the goods

HYDROGEN PEROXIDE,Aqueous solution

#### Air transport

ICAO/IATA-DGR : 5.1  
UN/ID number : 2984  
IATA-packing instructions - Passenger : 514  
IATA-packing instructions - Cargo : 515  
ICAO packing group : III

#### Description of the goods

HYDROGEN PEROXIDE,Aqueous solution

### 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.)*