

# Safety Data Sheet

according to ANSI Z400.1-1998

## MAGMA

Print date : 13.05.2005

Product code : MAGMA

Page 1 of 6

### 1. Product and Company Identification

#### 1.1 Commercial product name

MAGMA

#### Further product name

SHADES AND FORMULA NUMBERS:

/07 Natural Brown=74428060000 ; 89 (6-7) Pearl Cendre=74428020000 ; 89+ (2-5) Pearl Cendre=74428030000 ; 39 (6-7) Gold Cendre=74428050000 ; 39+(2-5) Gold Cendre=74428040000 ; 36 Gold Violet=74428010000 ; 56 Mahogany Violet=74428110000 ; 57 Mahogany Brown=74428080000 ; 47 Red Brown=74428100000 ; 44 Red Intensive=74428090000 ; 34 Gold Red=74428070000

#### Chemical characterization : ( preparation )

Mixture of persulphates and alkali,not dust-creating

contains: 10% - 35% persulfate salts

contains: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

#### Hazardous components

CAS No.	Components	Quantity
18472-87-2	3,4,5,6-TETRACHLORO-2-(1,4,5,8-TETRABROMO-6-HYDROXY-3-OXOXANTHEN-9-YL)BENZOIC ACID (ACID RED 92)	max.3%
74578-10-2	4-[(2,6-DICHLOROPHENYL)4-IMINO-3,5-DIMETHYLCYCLOHEXA-2,5-DIEN-1-YLIDENE)METHYL]-2,6-XYLIDINE PHOSPHATE(1:1) (HC BLUE NO.15)	max.<1%
633-96-5	SODIUM 4-[(2-HYDROXY-1-NAPHTHYL)AZO]BENZENESULPHONATE (ACID ORANGE 7)	max.3%
3179-89-3	2,2'-[[3-METHYL-4-[(4-NITROPHENYL)AZO]PHENYL]IMINO]BIETHANOL (DISPERSE RED 17)	max.3%
846-70-8	DISODIUM 5,7-DINITRO-8-OXIDONAPHTHALENE-2-SULPHONATE (ACID YELLOW 1)	max.3%
4430-25-5	4,4'-(4,5,6,7-TETRABROMO-3H-2,1-BENZOXATHIOL-3-YLIDENE)BIS[2,6-DIBROMOPHENOL]-S,S-DIOXIDE	max.<0.1%
822-16-2	SODIUM STEARATE	max.3%
7727-54-0	DIAMMONIUM PEROXODISULPHATE (AMMONIUM PERSULFATE)	max.20%
1344-09-8	SILICIC ACID,SODIUM SALT (SODIUM SILICATE)	max.25%
7727-21-1	DIPOTASSIUM PEROXODISULPHATE (POTASSIUM PERSULFATE)	max.20%

### 3. Hazards Identification

# Safety Data Sheet

according to ANSI Z400.1-1998

## MAGMA

Print date : 13.05.2005

Product code : MAGMA

Page 2 of 6

### Route(s) of Entry

Inhalation Yes  
Ingestion: Yes  
Skin: Yes

### Signs and Symptoms of Exposure

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

Carcinogenicity (NTP) : No

Carcinogenicity (IARC) : No

Carcinogenicity (OSHA) : No

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

Discolouration possible in case of skin contact.

## 4. First Aid Measures

### General information

Immediately rinse any splashes on the skin and clothing

### After inhalation

Move to fresh air.  
In case of difficulty in breathing, seek medical advice.

### After contact with skin

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

### 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

# Safety Data Sheet

according to ANSI Z400.1-1998

## MAGMA

Print date : 13.05.2005

Product code : MAGMA

Page 3 of 6

Contact with combustible material may cause fire.  
The release of the following substances is possible in a fire:  
nitrogen oxides (NOx),  
sulphur oxides,  
ammonia,  
Ozone,  
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.  
Avoid contact with skin, eyes and clothing.  
Keep away from combustible material.

### Environmental precautions

Do not flush into surface water or sanitary sewer system.

### Methods for cleaning up/taking up

Take up mechanically and collect in suitable container for disposal.  
Do not soak up with combustible material, e.g. paper

## 7. Handling and Storage

### 7.1 Handling

#### Advice on safe handling

Avoid contact with skin, eyes and clothing.

#### Advice on protection against fire and explosion

Keep away from combustible material.  
Keep away from heat and sources of ignition.  
Protect from humid air and water.

#### Further information on handling

Follow the instructions  
Please see cautionary notice referring to activator.  
Do not use metal bowl/stirrer for mixing  
Use mixture immediately  
Styling with the hands can lead to staining of the skin.  
Use dark towels.  
Avoid contact with scalp.  
Do not exceed the development time stated  
Do not use product if scalp shows abrasions, scratches or any other abnormal condition.  
Do not use to dye eyelashes or eyebrows.  
Do not perm the hair immediately before or after bleaching.  
Do not use when the hair has previously been coloured with metal dyes  
The high light colour may not be diluted, resp. removed with a bleaching agent.  
Rinse hair well after application  
Tools (comb, brush) should be rinsed immediately after use.  
To retain product performance securely close the container after each use.

### 7.2 Storage

# Safety Data Sheet

according to ANSI Z400.1-1998

## MAGMA

Print date : 13.05.2005

Product code : MAGMA

Page 4 of 6

### Requirements for storage rooms and vessels

Keep in a dry, cool place.  
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

### 8.2 Exposure controls

#### 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 suitable gloves

## 9. Physical and Chemical Properties

### 9.1 Appearance

Form : powder  
Colour : various  
Odour : characteristic

### 9.2 Important health, safety and environmental information

pH-Value :

Test method  
9.0 - 9.8 aqueous solution

#### Changes in the physical state

#### Flammability

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

solid :

non-combustible

#### Explosive properties

The product is not explosive.  
(EU -A.14 or argument by analogy )

#### Oxidizing properties

The product is not classified as oxidising. (EU -A.17 or argument by analogy )  
Contact with combustible material may cause fire.

Water solubility :

completely miscible

## 10. Stability and Reactivity

### Stability

Stable

### Conditions to avoid

To avoid thermal decomposition, do not overheat.

# Safety Data Sheet

according to ANSI Z400.1-1998

## MAGMA

Print date : 13.05.2005

Product code : MAGMA

Page 5 of 6

### Materials to avoid

bases  
metals  
reducing agents  
flammable materials  
humid air and water

### Hazardous decomposition products

oxygen ( Decomposes when moist. )

### Possibility of Hazardous Reactions

May occur

## 11. Toxicological Information

### Acute toxicity

Harmful if swallowed.

DIPOTASSIUM PEROXODISULPHATE (POTASSIUM PERSULFATE)

LD50/oral/rat = 1000 mg/kg

### Irritancy and corrosiveness

Eye irritation:  
Irritating to eyes. (Risk of serious damage to eyes.)  
Skin irritation:  
May cause skin irritation.

### Sensitising effect

May cause sensitisation by inhalation and 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

persulfate salts : Toxic to aquatic organisms.

### Persistence and degradability

persulfate salts :  
Rapid elimination in sewage treatment plants

## 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

#### Proper Shipping Name

DOT Class: not regulated

#### Land transport (ADR/RID)

#### Inland waterways transport

#### Marine transport

# Safety Data Sheet

according to ANSI Z400.1-1998

**MAGMA**

Print date : 13.05.2005

Product code : MAGMA

Page 6 of 6

**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.)*