

Safety Data Sheet

according to ANSI Z400.1-1998

SAFIRA COLOR REFRESHER ALL SHADES

Print date : 17.02.2005

Product code : SAFIRA_COLOR

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1. Product and Company Identification

1.1 Commercial product name

SAFIRA COLOR REFRESHER ALL SHADES

Chemical characterization : (preparation)

Aqueous surfactant solution.

Finished product: maximum <1% dyes

1.2 Information manufacturer / supplier

Company name : WELLA AG
 Street : Berliner Allee 65
 Place : 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
64-17-5	ETHANOL (ALCOHOL)	1% - 3%
100418-33-5	2-((4-METHYL-2-NITROPHENYL)AMINO)ETHANOL (HYDROXYETHYL-2-NITRO-P-TOLUIDINE)	0.1% - <1%
61789-40-0	1-PROPANAMINIUM,3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL-,N-COCO ACYL DERIVS.,HYDROXIDES,INNER SALTS,30% (COCAMIDOPROPYL BETAINE)	7% - 10%
2871-01-4	2-(4-AMINO-2-NITROANILINO)ETHANOL (HC RED NO.3)	0.1% - <1%
1335-72-4	SODIUM 2-(2-(DODECYLOXY ETHOXY)ETHYL SULPHATE,28% (SODIUM LAURETH SULFATE)	20% - 30%
6358-09-4	2-AMINO-6-CHLORO-4- NITROPHENOL	0.1% - <1%
99610-72-7	2-(2-HYDROXY-3,5-DINITROANILINO)ETHANOL (2-HYDROXYETHYL PICRAMIC ACID)	0.1% - <1%

3. Hazards Identification

Route(s) of Entry

Inhalation No
 Ingestion: Yes
 Skin: Yes

Signs and Symptoms of Exposure

May produce an allergic reaction.
 Irritating to eyes.
 Prolonged or repeated skin contact can have an irritating effect.

Carcinogenicity (NTP) : No
 Carcinogenicity (IARC) : No
 2-(4-AMINO-2-NITROANILINO)ETHANOL (HC RED NO.3) : group 3,not classifiable as to its carcinogenicity to humans
 Carcinogenicity (OSHA) : No

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Explication of special hazards for human health and environment

Discolouration possible in case of skin contact.

4. First Aid Measures

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.
In case of feeling unwell: Consult a physician.

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: 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 eyes.
Slipping hazard

Environmental precautions

Do not flush into surface water or sanitary sewer system.

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

Advice on safe handling

Avoid contact with eyes.

Advice on protection against fire and explosion

The product is not flammable.

Further information on handling

Do not use product if scalp shows abrasions, scratches or any other abnormal condition.

7.2 Storage

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Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.
Keep out of reach of children.
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 ³	mg/m ³	fib/cc	Category	Origin
64-17-5	ETHANOL (ALCOHOL)	1000	1900		TWA (8 h)	TRGS900

Additional advice on control parameters

The maximum occupational exposure limit will not be reached under normal conditions of use

8.2 Exposure controls

Protective and hygiene measures

When using, do not eat, drink or smoke.

Hand protection

In case of frequent professional use in the hairdressing salon wear suitable gants.

9. Physical and Chemical Properties

9.1 Appearance

Form : liquid, viscous
Colour : various
Odour : perfumed

9.2 Important health, safety and environmental information

pH-Value :	4.0 - 7.5	Test method
Changes in the physical state		
Flash point :	not applicable	
Explosive properties		
Not applicable		
Oxidizing properties		
Not applicable		
Density :	1.01 - 1.04 g/cm ³	
Water solubility :	completely miscible	
Viscosity / dynamic :	1500 - 4000 mPa·s	
Solvent content		
<3%		

10. Stability and Reactivity

Stability

Stable

Conditions to avoid

none under normal use

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Possibility of Hazardous Reactions

Will not occur

11. Toxicological Information

Acute toxicity

LD50/oral/rat = >2000 mg/kg (calculated)

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Irritancy and corrosiveness

Eye irritation:

Irritating to eyes.

Skin irritation:

May cause skin irritation.

Sensitising effect

May produce an allergic reaction.

Subacute, subchronic and prolonged toxicity

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

12. Ecological Information

Ecotoxicity

Contains substances toxic to aquatic organisms.

Persistence and degradability

Contained tenside is more than 90% biodegradable.

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

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

This Safety Data Sheet serves as voluntary customer information. There exists no legal obligation to deliver Safety Data Sheets for cosmetic finished products in the EU.

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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.)