

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**BI TOUCH COLOR REFLEX NUTRITION SILVER SHAMPOO**

Print date : 5/21/2007

Product code : 73549120300F

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**1. Product and Company Identification****Commercial product name**

BI TOUCH COLOR REFLEX NUTRITION SILVER SHAMPOO

**Chemical characterization** ( preparation )Aqueous surfactant solution.  
maximum <1% dyes**Information manufacturer / supplier**

Company name : WELLA Corporation  
 Street : 6109 De Soto Avenue  
 Place : USA- Woodland Hills , CA 91367  
 Contact person : USA: telephone: (818)999-5112  
 e-mail : Schoder.W@pg.com  
 Internet : www.wella.com  
 Inquiry office : PSCE-Herr Schoder ; telephone:0049-6151-342157 ; telefax:0049-6196-8921371  
 (Germany)

Emergency telephone : CHEMTREC 1-800-424-9300

**2. Hazards Identification****Route(s) of Entry**Inhalation No  
Ingestion: Yes  
Skin: Yes**Signs and Symptoms of Exposure**Irritating to eyes. (Risk of serious damage to eyes. )  
May produce an allergic reaction.  
Discolouration possible in case of skin contact.  
Prolonged or repeated skin contact can have an irritating effect.

Carcinogenicity (NTP) : No  
 Carcinogenicity (IARC) : No  
 Carcinogenicity (OSHA) : No

**3. Composition/Information on Ingredients****Hazardous components**

CAS No.	Components	Quantity
61789-40-0	1-PROPANAMINIUM,3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL-,N-COCO ACYL DERIVS.,HYDROXIDES,INNER SALTS,30% (COCAMIDOPROPYL BETAINE)	5% - 10%
1335-72-4	SODIUM 2-(2-(DODECYLOXY ETHOXY)ETHYL SULPHATE,28% (SODIUM LAURETH SULFATE)	20% - 25%
9005-08-7	DISPERSION OF FATTY ALCOHOL POLYGLYCOLETHER IN FATTY ALCOHOL ETHER SULPHATE,SODIUM SALT (PEG-3 DISTEARATE AND SODIUM LAURETH SULFATE)	10% - 15%
64-17-5	ETHANOL	1% - 3%

**4. First Aid Measures****General information**

Immediately rinse any splashes on the skin and clothing

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

### Special exposure hazards arising from the chemical

The release of the following substances is possible in a fire:  
carbon oxides ;  
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

### Handling

#### Advice on safe handling

Avoid contact with eyes.

#### Advice on protection against fire and explosion

The product is not classified as flammable.

#### Further information on handling

Follow the instructions  
Do not use product if scalp shows abrasions, scratches or any other abnormal condition.  
Do not use to dye eyelashes or eyebrows.  
Do not exceed the development time stated  
Rinse hair well after application

### 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****Exposure limit values****Exposure limits**

CAS No.	Components	ml/m <sup>3</sup>	mg/m <sup>3</sup>	fib/cc	Category	Origin
64-17-5	Ethyl alcohol (Ethanol)	1000	1900		TWA (8 h)	PEL

**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****Appearance**

Form : mass, viscous  
 Color : violet  
 Odor : perfumed

**Important health, safety and environmental information**

pH-Value :

4.0 - 5.0

Test method

**Changes in the physical state**

Flash point :

No information available

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

**Explosive properties**

Not applicable

**Oxidizing properties**

Not applicable

Density :

1.01 - 1.03 g/cm<sup>3</sup>

Water solubility :

completely miscible

Viscosity / dynamic :

3000 - 5500 mPa·s

**Solvent content**

1% - 3%

**10. Stability and Reactivity****Stability**

Stable

**Conditions to avoid**

none under normal use

**Possibility of Hazardous Reactions**

Will not occur

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### 11. Toxicological Information

#### Acute toxicity

LD50/oral/rat = &gt;2000 mg/kg (calculated )

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

#### Corrosive and irritant effects

Eye irritation:

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

Skin irritation:

Patch test on human volunteers did not demonstrate irritating properties.

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

#### Sensitising effects

May produce an allergic reaction.

### 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

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

DOT Class: not regulated

#### Land transport (ADR/RID)

##### Remarks

Not classified as dangerous in the meaning of transport regulations.

#### Marine transport

##### Remarks

Not classified as dangerous in the meaning of transport regulations.

#### Air transport

##### Remarks

Not classified as dangerous in the meaning of transport regulations.

### 15. Regulatory Information

#### U.S. Regulations

##### National Inventory TSCA

DOT Class: not regulated

### 16. Other Information

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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.)*