

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**BIOTOUCH VOLUME NUTRITION SHAMPOO**

Print date : 6/11/2007

Product code : 74400000001F

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

BIOTOUCH VOLUME NUTRITION SHAMPOO

**Chemical characterization** ( preparation )

Aqueous surfactant solution.

**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.)  
 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
1335-72-4	SODIUM 2-(2-(DODECYLOXY ETHOXY)ETHYL SULPHATE,28% (SODIUM LAURETH SULFATE)	45% - 50%
2235-54-3	AMMONIUM DODECYL SULPHATE,AQUEOUS SOLUTION 28% (AMMONIUM LAURYL SULFATE)	10% - 15%

**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**

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### 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 ;  
nitrogen oxides (NO<sub>x</sub>) ;  
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 flammable.

### Storage

#### Requirements for storage rooms and vessels

Keep in a dry, cool place.  
Keep at temperatures above -5 °C.  
Keep at temperature not exceeding 40 °C.

## 8. Exposure Controls/Personal Protection

### Exposure limit values

### 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.

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**9. Physical and Chemical Properties****Appearance**

Form : liquid, viscous  
 Color : colourless ; clear  
 Odor : perfumed

**Important health, safety and environmental information**

pH-Value :	4.8 - 5.6	Test method
<b>Changes in the physical state</b>		
Flash point :	not applicable	The product is classified as non-combustible based on its composition

**Explosive properties**

The product is not explosive.

**Oxidizing properties**

Not applicable

Density :	1.04 - 1.06 g/cm <sup>3</sup>
Water solubility :	completely miscible
Viscosity / dynamic :	3000 - 5000 mPa·s

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

Stable

**Conditions to avoid**

none under normal use

**Possibility of Hazardous Reactions**

Will not occur

**11. Toxicological Information****Acute toxicity**

Acute toxicity  
 LD50/oral/rat = >2000 mg/kg (calculated )  
 Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**Corrosive and irritant effects**

Primary irritant effect:

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**

No known sensitizing effect.

**12. Ecological Information****Ecotoxicity**

Contains substances toxic to aquatic organisms.

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**Persistence and degradability**

Contained tenside is more than 90% biodegradable.

**13. Disposal Considerations****Advice on disposal**

In accordance 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)****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**

Cosmetic products are not regulated under TSCA.

**16. Other Information**

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