

# MATERIAL SAFETY DATA SHEET

Based upon Regulation (EC) No. 1907/2006, as amended by Regulation (EC) No. 453/2010

**EF COSMETICA**  
A Scientific Approach To Beauty

## BOB HAIR WAX FLEXIBLE AQUA GEL

### **1. PRODUCT AND COMPANY IDENTIFICATION**

#### **1.1. Product identifier**

**Product name** HAIR WAX

#### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

##### **1.2.1. Relevant identified uses of the substance**

Hair product

##### **1.2.2. Uses advised against**

No uses specifically advised against.

#### **1.3. Details of the supplier of the safety data sheet**

**Company name** Ef Kozmetik Kimya San. Tic. LTD.ŞTİ

**Address** ÖMERLİ MAH. GENARAL ŞÜKRÜ KORALTI CAD. NO:33/5  
ARNAVUTKÖY İSTANBUL

**Tel** +90 212 485 95 45

**E-mail** ef@efcosmetica.com

#### **1.4. Emergency telephone numbers**

**Company Info Desk** +90 212 485 95 45

### **2. HAZARD IDENTIFICATION**

#### **2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP/GHS];**

The product is not classified as hazardous according to Regulation 1272/2008 (CLP).

**Classification according to 67/548/EEC [DSD] or 1999/45/EC [DPD];**

The product is not classified as hazardous according to Directive 67/548/EEC (DSD) or Directive 1999/45/EC (DPD).

#### **2.2. Label Elements**

The product does not need to be labelled according to Directive 67/548/EEC (DSD), Directive 1999/45/EC (DPD) and Regulation (EC) No 1272/2008 (CLP).

#### **2.3. Other hazards**

Result of PBT and vPvB assessment: No data available.

#### **2.4. Additional information**

Please look over section 11 for toxicological information.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

| INCI Name                                  | CAS Number                                   | EINECS/ELICS NUMBERS                        | Concentration (%) | Classification                                                                                                                                                   |
|--------------------------------------------|----------------------------------------------|---------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aqua                                       | 7732-18-5                                    | 231-791-2                                   | 50-70             | DSD : Not classified<br>CLP : Not classified                                                                                                                     |
| Ceteareth-25                               | 68439-49-6                                   | -                                           | 25 - 35           | DSD : Not classified<br>CLP : Not classified                                                                                                                     |
| GLYCERIN                                   | 56-81-5                                      | 200-289-5                                   | 1-6               | DSD : Not classified<br>CLP : Not classified                                                                                                                     |
| PEG-40 HYDROGENATED<br>CASTER OIL          | 61788-85-0                                   | -                                           | 1-6               | DSD : Not classified<br>CLP : Not classified                                                                                                                     |
| PARFUM                                     | -                                            | -                                           | 0,5-2,0           | DSD : Not classified<br>CLP : Not classified                                                                                                                     |
| BENZYL ALCOHOL                             | 100-51-6                                     | 202-859-9                                   | 0,1-0,3           | DSD: XN; R20/22<br>Xi; R41, R43<br>N; R50<br><br>CLP: FYE DAM.1, H318<br>AQUATIC ACUTE 1, H400<br>ACUTE TOX. 4: H302<br>SKIN IRRIT,2, H315<br>SKIN SENS, 1, H317 |
| PPG-2 METHYL ETHER                         | 34590-94-8                                   | 252-104-2                                   |                   |                                                                                                                                                                  |
| 2-BROMO-2-<br>NITROPROPANE-1,3-DIOL        | 52-51-7                                      | 200-143-0                                   |                   |                                                                                                                                                                  |
| IODOPROPYNYL<br>BUTYLCARBAMATE             | 55406-53-6                                   | 259-627-5                                   |                   |                                                                                                                                                                  |
| BHT                                        | 128-37-0                                     | 204-881-4                                   | < 0,2             | DSD : Not classified<br>CLP : Not classified                                                                                                                     |
| CI 19140,<br><br>CI 42090,<br><br>CI 16035 | 1934-21-0<br><br>3844-45-9<br><br>25956-17-6 | 217-699-5<br><br>223-339-8<br><br>247-368-0 | < 0,06            | DSD : Not classified<br>CLP : Not classified                                                                                                                     |

#### 3.2 Additional information

See Section 16 for the full text of the R phrases or H statements declared above.

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### **4. FIRST AID MEASURES**

#### **4.1. Description of first aid measures**

##### **Eye contact**

Check for and remove any contact lenses. Rinse out with water with the eyelid held wide open. Get medical attention if irritation persists.

##### **Skin contact**

Wash off with soap and water. Get medical attention if irritation persists.

##### **Ingestion**

Rinse out mouth and make victim drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed to do so by medical personnel; call for medical help.

##### **Inhalation**

Remove from exposure. Keep warm and at rest and provide fresh air. Give oxygen or artificial respiration if needed. Seek medical advice immediately.

#### **4.2. Most important symptoms and effects, both acute and delayed**

No further relevant information available.

### **5. FIRE FIGHTING MEASURES**

#### **5.1. Extinguishing media**

**Suitable** : Water, alcohol resistant foam, CO<sub>2</sub>, dry chemical powder

**Unsuitable** : Water jet

#### **5.2. Special hazards arising from the substance or mixture**

Development of hazardous combustion gases or fumes possible in the event of fire.

#### **5.3. Advice for fire-fighters**

Wear self-contained breathing apparatus and full protective clothing in case of fire. Avoid breathing fire mists/vapours. Use water spray to keep fire exposed containers cool.

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### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment. Spillages can cause slippery situations. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

#### **6.2. Environmental protection measures**

Do not empty into drains and sewers. Keep from entering to water and ground water systems. Contain spillage where possible and safe to do so. Inform appropriate authority in case of accidental contamination of watercourses or drains.

#### **6.3. Methods and material for containment and cleaning up**

Absorb the leakage with an inert absorbent and put in an appropriate waste disposal container for proper disposal.

#### **6.4. Reference to other sections**

Review safety handling information in Section 7, personal protection measures in Section 8 and disposal measures in Section 13.

### **7. HANDLING AND STORAGE**

#### **7.1. Precautions for safe handling**

**Protective measures:** Use normal security precautions. No special precautions required. Avoid spillages as these will cause slippery underfoot conditions.

**Hygiene measures:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

#### **7.2. Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Store inside in a clean environment to avoid microbial contamination. Do not store with oxidizing agents.

#### **7.3. Specific end uses**

No further relevant information available.

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## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 Control Parameters**

#### **Occupational exposure limits**

Contains no ingredients with occupational exposure limit values.

#### **Derived effect levels**

No data available for product and its ingredients.

#### **Predicted effect concentrations**

No data available for product and its ingredients.

### **8.2 Exposure controls**

Provide adequate ventilation to maintain exposure levels below applicable limits.

#### **Personal protective equipment**



#### **Eye/Face Protection**

No eye/face protection is required under normal conditions. Avoid contact with eyes.

#### **Hand Protection**

No hand protection is required under normal conditions. Wash hands thoroughly after handling.

#### **Respiratory Protection**

No respiratory protection is required under normal conditions.

#### **Skin and body protection**

No body protection is required under normal conditions.

#### **Hygiene measures**

Wash hands thoroughly after handling this product, before eating, smoking and using the lavatory and at the end of the working period.

#### **Environmental exposure controls**

Attempt to stop leakage without personal risk. Should not be released into the environment. Prevent product from entering drains.

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### **9. PHYSICAL AND CHEMICAL PROPERTIES**

#### **9.1. General information**

|                           |                     |
|---------------------------|---------------------|
| Appearance                | : Waxy              |
| Color                     | : ORANGE            |
| Odor                      | : Characteristic    |
| Boiling point             | : No data available |
| Melting point             | : No data available |
| Flammability              | : Not flammable     |
| Explosive properties      | : Not explosive     |
| Oxidizing properties      | : Not oxidizing     |
| Flash Point               | : No data available |
| Auto-ignition temperature | : No data available |
| Specific gravity          | : No data available |
| Viscosity                 | : No data available |
| PH                        | : 5,50 – 7,00       |
| Water solubility          | : No data available |
| Partition coefficient     | : No data available |

#### **9.2. Other information**

No additional information

### **10. STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available related to reactivity.

#### **10.2. Chemical stability**

The product is stable under recommended storage and handling conditions.

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## 10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

## 10.4. Conditions to avoid

Avoid product contact with incompatible materials.

## 10.5. Incompatible materials

Strong oxidizing agents.

## 10.6. Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity

##### Glycerin (CAS # 56-81-5):

- **Oral**, LD50 (Rat): 23000 mg/kg bw
- **Dermal**, LD50 (Rabbit): 45 mL/kg bw
- **Inhalation**, LC50 (7h): 4655 mg-min/liter

##### Castor oil, hydrogenated (CAS # 8001-78-3):

- **Oral**, LD50 (Rat) > 20000 mg/kg bw
- **Dermal**, LD50 (Rabbit) > 2000 mg/kg bw
- **Inhalation**, LC50 (6h) > 1.86 mg/L air (nominal)

#### Sensitization

No data available

#### Genetic Toxicity

No data available

#### Repeated Dose Toxicity

##### Glycerin (CAS # 56-81-5):

- **Oral**, NOEL: 50000 ppm | LOEL: 200000 ppm
- **Dermal**, NOEL: 4.0 ml/kg

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- **Inhalation**, NOAEL: 167 mg/m<sup>3</sup> air (analytical)

### **Castor oil, hydrogenated (CAS # 8001-78-3):**

- **Oral**, NOAEL: 5000 mg/kg bw/day (actual dose received)
- **Dermal**, NOAEL: 75 mg/kg bw/day

### **Carcinogenicity**

No experimental or epidemiological evidence exists to justify classification of the product or its ingredients for carcinogenic activity.

### **Reproductive toxicity**

No data available

### **Specific target organ toxicity (single exposure)**

No data available

### **Specific target organ toxicity (repeated exposure)**

No data available

## **12. ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

#### **Glycerin (CAS # 56-81-5):**

- **Fish**, LC50 (96 h): 54000 mg/L
- **Aquatic Invertebrates**, LC50 (48 h): 1955 mg/L
- **Algae**, EC3 (8 d) > 10000 mg/L

#### **Castor oil, hydrogenated (CAS # 8001-78-3):**

- **Fish**, LC50 (96 h) > 10000 mg/L
- **Aquatic Invertebrates**, EL50 (48 h) > 100 mg/L
- **Algae**, EC50 (72 h) > 100 mg/L

### **12.2. Persistence and degradability**

No data available

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### 12.1. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

No known significant effects or critical hazards.

## **13. DISPOSAL CONSIDERATIONS**

### 13.1. Waste treatment methods

Can be deposited in landfills, sent to an incineration or other appropriate means of disposal provided they meet the requirements of local laws.

### 13.2. European waste catalogue and list of hazardous waste

Dispose of in accordance with local regulations. According to the European Waste Catalogue, waste codes are not product specific, but application specific. Waste codes should be assigned by the user.

### 13.3. Methods of disposal

The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

### 13.4. Contaminated packaging

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

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## **14. TRANSPORT INFORMATION**

### **14.1. Transport information**

The product is not classified as hazardous for transport according UN ADR/RID, ADNR, IMDG and ICAO/IATA lists.

**ADR-Class** : not classified as Dangerous Goods

**Declaration** :

**Labelling** :

**Label** :

**Hazard-no** :

#### **Classification according to IMDG**

**IMDG-Code-Class** : not classified as Dangerous Goods

**Declaration** :

**Labelling** :

**Label** :

#### **Classification according to ICAO/IATA**

**IATA-DGR-Class** : not classified as Dangerous Goods

**Declaration** :

**Labelling** :

**Label** :

### **14.2. Environmental hazards**

Not environmentally hazardous.

### **14.3. Special precautions for user**

No data available.

### **14.4. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No data available.

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## **15. REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations specific for the substance or mixture**

- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Council Directive 67/548/EEC, (DSD),
- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,
- Directive 2000/39/EC,
- Council Directive 91/689/EEC,
- Recommendations on the TRANSPORT OF DANGEROUS GOODS, Sixteenth revised edition,
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

## **16. OTHER INFORMATION**

### **16.1. Indication of changes to the previous revision**

Date Prepared : 27.02.2017  
Revision No : 0  
Revision Date : -

### **16.2. Abbreviations and acronyms**

R20/22 : Harmful by inhalation and if swallowed  
R41 : Risk of serious damage to eyes  
R43 : May cause sensitisation by skin contact  
R50 : Very toxic to aquatic organisms

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H302 : Harmful if swallowed  
H315 : Causes skin irritation  
H317 : May cause an allergic skin reaction  
H318 : Causes serious eye damage  
H400 : Very toxic to aquatic life  
ADNR : Regulation for the Carriage of Dangerous Substances on the Rhine  
ADR : European Agreement Concerning the Int. Carriage of Dangerous Goods by Road  
AF : Assessment Factor  
BCF : Bioaccumulation Factor  
CAS No : Chemical Abstract Service Index Number  
CLP : Regulation of Classification, Labelling and Packaging of Chemicals  
DNEL : Derived No Effect Level  
DPD : Dangerous Preparations Directive  
DSD : Dangerous Substances Directive  
EC No : European Commission Number  
EC50 : Half Maximal Effective Concentration  
GHS : Globally Harmonized System of Classification and Labeling Of Chemicals  
IATA : International Air Transport Association  
ICAO : International Civil Aviation Organization  
IMDG : International Maritime Code for Dangerous Goods  
LC50 : Median Lethal Concentration  
LD50 : Median Lethal Dose  
LOAEL : Lowest Observed Adverse Effect Level  
NOAEC : No Observed Adverse Effect Concentration  
NOEC : No Observed Effect Concentration  
NOEL : No Observable Effect Level

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PBT : Persistent Bioaccumulative Toxic  
PNEC : Predicted No Effect Concentration  
Ppm : Part Per Million  
RID : International Rule for Transport of Dangerous Substances by Railway  
STEL : Short Time Exposure Limit  
STP : Sewage Treatment Plant  
TWA : Time Weighted Average  
vPvB : Very Persistent, Very Bioaccumulative

## 16.3. Further Information

The information contained within this Safety Data Sheet is believed to be accurate and have been compiled from sources believed to be reliable. It is offered for consideration, investigation and verification. It is the user's responsibility to follow the guidelines as outlined within this SDS. The user assumes all risk of use, storage and handling in compliance with applicable laws and regulations.

