

MATERIAL SAFETY DATA SHEET

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

EF COSMETICA
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BOB HAIR WAX POWER 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 CLP : Not classified
Ceteareth-25	68439-49-6	-	25 - 35	DSD : Not classified CLP : Not classified
GLYCERIN	56-81-5	200-289-5	1-6	DSD : Not classified CLP : Not classified
PEG-40 HYDROGENATED CASTER OIL	61788-85-0	-	1-6	DSD : Not classified CLP : Not classified
PARFUM	-	-	0,5-2,0	DSD : Not classified CLP : Not classified
BENZYL ALCOHOL	100-51-6	202-859-9	0,1-0,3	DSD: XN; R20/22 Xi; R41, R43 N; R50 CLP: FYE DAM.1, H318 AQUATIC ACUTE 1, H400 ACUTE TOX. 4: H302 SKIN IRRIT,2, H315 SKIN SENS, 1, H317
PPG-2 METHYL ETHER	34590-94-8	252-104-2		
2-BROMO-2- NITROPROPANE-1,3-DIOL	52-51-7	200-143-0		
IODOPROPYNYL BUTYLCARBAMATE	55406-53-6	259-627-5		
BHT	128-37-0	204-881-4	< 0,2	DSD : Not classified CLP : Not classified
CI 19140, CI 42090, CI 16035	1934-21-0 3844-45-9 25956-17-6	217-699-5 223-339-8 247-368-0	< 0,06	DSD : Not classified 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, CO₂, 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	: BLACK
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/m³ 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.

