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"\*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

**1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING****1.1 Identification of Substance or Preparation****Trade Name :** Hairdreams Shampoo Proteine**Article No. :** n.av.**Preparation No. :** n.av.**Registration No. :** n.av.**1.2 Use of the substance / preparation:**

Cosmetics

**1.3 Company / Undertaking Identification****1.3.1 Address of the Company / Supplier:**

Hairdreams Haarhandels GmbH, Floraquellweg 9, A-8051 Graz

Telephone : +43/316/605740, Fax : +43/316/6057541, e-mail: n.av.

**1.3.2 Responsible :**

Hairdreams Haarhandels GmbH, Floraquellweg 9, A-8051 Graz; E-Mail: ----

**1.4 Emergency - Telephone**Information Centre Specialising in Symptoms of Poisoning  
Telephone : +49 - 761 - 19 240Emergency - Telephone of Company / Undertaking  
Telephone : 0664/3758044 (08:30 - 16:30)**2 HAZARDS IDENTIFICATION****2.1 For Humans** (additional information is given under item 11) :  
Irritant. Irritating to eyes. May cause sensitization by skin contact.**2.2 For the Environment :**  
Raising overall contamination.**2.3 For Materials:**  
May soften plastics. Materials should be tested for resistance.**3 COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Chemical Characterisation:**

Cosmetics

**3.2 Dangerous Ingredients:**

CAS - No.	Index - No.	EEC - No.	Material	m% - range	Symbol	R - phrases
68891-38-3	n.av.	n.av.	Poly(oxy-1,2-ethanediyl), a-sulfo-w-hydroxy-, C12-14-alkyl ethers, sodium salts	1 - 10%	Xi	R 36/38
110615-47-9	n.av.	500-520-2	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	1 - 5%	Xi	R 38-41
61789-40-0	n.av.	263-058-8	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	1 - 5%	Xi	R 38-41-52
55965-84-9	613-167-00-5	—	5-Chloro-2-methyl-3(2H)-isothiazolone, mixt. with 2-methyl-3(2H)-isothiazolone	0,0016 - 0,06%	T, N	R 23/24/25-34-43-50/53

Remarks: Classification and labelling of a product is indicated under item 15.

**4 FIRST AID MEASURES****4.1 Inhalation:**After inhalation of product / fumes of fire leave contaminated area and provide for fresh air.  
If symptoms persist, consult physician.**4.2 Skin Contact :**Wash with soap and water.  
If symptoms persist, consult physician.**4.3 Eye Contact :**Flush eyes out immediately with large amounts of water with eye lids lifted.  
Call physician.**4.4 Ingestion :**Rinse mouth out and drink plenty of water.  
Do not cause vomiting. Consult physician.**4.5 Note to Physician :** Symptomatic treatment.**4.6 Special Equipment :** n.av.

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**5 FIRE FIGHTING MEASURES**

- 5.1 **Suitable Extinguishing Media :** water spray jet Foam, dry chemicals, CO<sub>2</sub>.
- 5.2 **Extinguishing Media to Avoid :** None.
- 5.3 **Fire and Explosion Hazards :**  
In case of fire, product may form: Organic crackproducts and carbon oxides.
- 5.4 **Special Protective Equipment :**  
Wear positive pressure self-contained breathing apparatus.  
Wear full protective clothing.
- 5.5 **Additional Information :** Spray down fumes resulting from fire.

**6 ACCIDENTAL RELEASE MEASURES**

- 6.1 **Personal Precautions :**  
See No. 8.2 Personal Protective Equipment. Provide sufficient ventilation.
- 6.2 **Environmental Precautions and Methods for Cleaning up :**  
Do not allow to enter drainage / surface-water / ground-water. Inform responsible authorities after accidental conduction. Take up with suitable absorbent material. Prevent risk of slipping by covering with mineral dispersion material.
- 6.3 **Further Information :** None.

**7 HANDLING AND STORAGE (For national regulations refer to item 15.2)**

- 7.1 **Handling**
- 7.1.1 **Precautions for Safe Handling :**  
Keep container tightly closed. No special measures necessary if used correctly.
- 7.1.2 **Precautions in Case of Fire and Explosion :**  
No special measures necessary
- 7.2 **Storage**
- 7.2.1 **Storage Instructions :**  
Provide solvent resistant and tight floor. Provide sufficient ventilation.
- 7.2.2 **Store away from :**  
Store away from oxidizers.
- 7.2.3 **Further Information on Storage Conditions :**  
n.av.
- 7.3 **Specific use(s):** n.av.

**8 Exposure Controls and Personal Protection**

- 8.1 **Exposure limit values :**  

<b>Material</b>	<b>Limit Value :</b>
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N- TLV dust: 10 mg/m <sup>3</sup> (respirable fraction); cocosacylderivate, Hydroxide, Innere Salze	3 mg/m <sup>3</sup> (alveole passing fraction)
- 8.2 **Exposure controls**
- 8.2.1 **Occupational exposure controls:**  
Avoid contact with eyes and skin. Take off contaminated, saturated clothing immediately. Do not inhale dust, gas, vapours, fire -fumes. Do not eat, drink or smoke during work.
- 8.2.1a **Respiratory Protection :** If ventilation is insufficient, wear respiratory protection.  
Short term: filter apparatus, Filter AX
- 8.2.1b **Hand Protection :** Impermeable gloves
- 8.2.1c **Eye Protection :** Tightly fitting goggles
- 8.2.1d **Skin Protection :** Light protective clothing
- 8.2.1e **Further Information :** Refer to special restrictions in wearing protective equipment
- 8.2.2 **Environmental exposure controls:** n.av.

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Telephone : +43/316/605740, **Date of issue:** 14.04.2010 **Replaces Data Sheet of : ---****9 Physical and Chemical Properties****9.1 General information**9.1.1 **Form** : liquid viscous      9.1.2 **Colour** : Various, depending on coloration      9.1.3 **Odour** : characteristic**9.2 Important health, safety and environmental information**

- 9.2.1 pH-value, undiluted : n.av., pH-value, 1% aqueous solution : n.av.  
 9.2.2 Boiling point / Boiling - range (°C) : n.av., Melting point / Melting range (°C) : n.av.  
 9.2.3 Flash point (°C, c.c.) : n.av.  
 9.2.4 Flammability (EEC A10/A13) : No.  
 9.2.5 Ignition temperature (°C) : n.av.  
 9.2.6 Autoflammability (EEC A16) : No.  
 9.2.7 Oxidising properties : n.ap.  
 9.2.8 Explosion hazard : n.ap.  
 9.2.9 Explosion limits (Vol.%) lower : n.av., upper : n.av.  
 9.2.10 Vapour pressure : n.av.  
 9.2.11 Density (g/ml) : n.av.  
 9.2.12 Solubility (in Water) : miscible  
 9.2.13 Partition coefficient, n-Octanol/Water : n.av.  
 9.2.14 Viscosity : n.av.  
 9.2.15 Solvent separation test : n.av.  
 9.2.16 Solvent content (m %) : Not relevant
- 9.3 Other information**  
 9.3.1 Thermal decomposition (°C) : n.av.  
 9.3.2 Vapour density (Air = 1) : n.av.  
 9.3.3 Evaporation rate : n.av.

**10 STABILITY AND REACTIVITY**

- 10.1 **Conditions to Avoid** :  
No special measures necessary if used correctly.
- 10.2 **Materials to Avoid** :  
Reactions with strong oxidizing agents.
- 10.3 **Hazardous Decomposition Products** :  
No dangerous decomposition products when properly handled.
- 10.4 **Further Information** :  
None.

**11 TOXICOLOGICAL INFORMATION**

- 11.1 Toxicological Tests :**
- 11.1.1 Acute Health Effects :**  
 Inhalation, LC<sub>50</sub> rat, (mg/l/4h) : n.av.  
 Ingestion, LD<sub>50</sub> rat, (mg/kg) : n.av.  
 Skin - contact, LD<sub>50</sub> rat, (mg/kg) : n.av.  
 Irritation (to skin / eye) : Irritating to eyes.  
 Sensitisation : May cause sensitization by skin contact.
- 11.1.2 Subacute / Chronic Toxicity :**  
 Carcinogenicity : n.av.  
 Mutagenicity : n.av.  
 Teratogenicity : n.av.  
 Narcotic Effects : n.av.
- 11.2 Practical Experience**
- 11.2.1 Observations relevant for classification :  
None.
- 11.2.2 Further Observations :  
None.
- 11.3 General Remarks :**  
Classification of the preparation has been done by calculation in accordance with EEC directives.

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**12 ECOLOGICAL INFORMATION**

- 12.1 **Ecotoxicity :**  
n.av.
- 12.2 **Mobility :**  
n.av.
- 12.3 **Persistence and degradability:**  
The product is biodegradable.
- 12.4 **Bioaccumulative potential:**  
n.av.
- 12.5 **Results of PBT assessment**  
n.av.
- 12.6 **Other adverse effects**
  - 12.6.1 COD-Value, mg/g : n.av.
  - 12.6.2 BOD<sub>5</sub>-Value, mg/g : n.av.
  - 12.6.3 AOX-Remarks : n.av.
  - 12.6.4 Significant Components : None.
  - 12.6.5 Other adverse effects : None.

**13 DISPOSAL CONSIDERATIONS (For national Regulations refer to item 15.)**

- 13.1 **Residues**
  - 13.1.1 Recommendation : D 10/R 2 Waste - Code - No. : 20 01 27  
In addition comply with the regional authorities.
  - 13.1.2 Safe Handling: See item 7 and 15.
- 13.2 **Contaminated Packaging**
  - 13.2.1 Recommendation : Wash with suitable cleaner. Otherwise as described under Residues.
  - 13.2.2 Safe Handling : As described under Residues.

**14 TRANSPORT INFORMATION**

**14.1 Transportation by Road or Railway according to ADR and RID**

**Remarks : No dangerous goods according to ADR**  
**Name and Description:**  
 Class: UN - No: Risklabel:  
 Classification Code: Packing Group: Hazard-No.:  
 Transport-category: Limited Quantity:

**14.2 Classification for Transportation by Inland-Navigation according to ADNO**

**Remarks : Classification has not been done.**  
 Class: Division: Category:

- 14.2.1 **Description of Goods :**
- 14.2.2 **Remarks :**

**14.3 Classification for Transportation by Vessels according to IMDG**


**Remarks : No dangerous goods according to IMDG**  
 Class: UN-No.: Packing Group:

- 14.3.1 **EmS-No. :**
- 14.3.2 **Marine Pollutant :**
- 14.3.3 **Instruction for Declaration and Labelling :**  
**Proper Shipping Name :**  
**Risk Label :**
- 14.3.4 **Remarks :**

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**14.3 Classification for Transportation by Aeroplane according to IATA-DGR/ICAO-TI**  
**Remarks : No dangerous goods according to IATA-DGR Class :**  
 UN-No. : Packing Group :  
**14.4.1 Instruction for Declaration and Labelling :**  
**Proper Shipping Name :**  
**Risk Label :**  
 Packing Instructions, Passenger : Cargo :  
**14.4.2 Remarks :**

**15 REGULATORY INFORMATION**

<p><b>15.1 Classification according to EEC-Regulations :</b>                  Classification required by EEC : Yes.                  Hazard Identification : Irritant                  Component(s) : contains 5-Chloro-2-methyl-3(2H)-isothiazolone, mixt. with 2-methyl-3(2H)-isothiazolone  <b>R-Phrases :</b>                  R36 - Irritating to eyes.                  R43 - May cause sensitization by skin contact.</p> <p><b>S-Phrases :</b>                  S 2: Keep out of reach of children.                  S 24: Avoid contact with skin.                  S 46: If swallowed, seek medical advice immediately and show this container or label.</p> <p>Additional Markings :                  No labeling according to 76/768/EEC (cosmetics directive).</p> <p><b>15.1.1</b> The above mentioned labelling is valid for distribution to private consumer.                  Labelling (formats, exemptions, additional markings) has to be done according to respective Regulations.</p>	<p>Applicable Exemptions : Yes.                  Hazard Symbol(s) :</p>	
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**15.2 National Regulations**  
 VOC-Content: n.av.

**16 OTHER INFORMATION**

**Text of R phrases mentioned in Section 3**  
 R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.  
 R34 - Causes burns.  
 R36/38 - Irritating to eyes and skin.  
 R38 - Irritating to skin.  
 R41 - Risk of serious damage to eyes.  
 R43 - May cause sensitization by skin contact.  
 R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R52 - Harmful to aquatic organisms.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.  
 Prepared by : Hairdreams Haarhandels GmbH, Floraquellweg 9, A-8051 Graz, Tel.: +43/316/605740  
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