

Trade Name : Hairdreams Hair Fluid

Company / Supplier : Hairdreams Haarhandels GmbH, Floraquellweg 9, A-8051 Graz

Telephone : +43/316/605740, Date of issue : 08.02.2013 Replaces Data Sheet of : 14.04.2010

SECTION 4: First aid measures

- 4.1 **Description of first aid measures**
- 4.1.1 **Inhalation :**
Not relevant
- 4.1.2 **Skin Contact :**
Wash off immediately with large amounts of water. In the event of symptoms occurring, seek medical treatment.
- 4.1.3 **Eye Contact :**
Flush eyes out immediately with large amounts of water with eye lids lifted. In the event of symptoms occurring, seek medical treatment.
- 4.1.4 **Ingestion :**
Rinse mouth out and drink plenty of water afterwards. Do not cause vomiting. If symptoms persist, consult physician.
- 4.2 **Most important symptoms and effects, both acute and delayed**
None.
- 4.3 **Indication of any immediate medical attention and special treatment needed**
None.

SECTION 5: Firefighting measures

- 5.1 **Extinguishing media**
- 5.1.1 **Suitable Extinguishing Media :**
This material is not combustible; use extinguishing media appropriate for surrounding fire.
- 5.1.2 **Extinguishing Media to Avoid :**
None.
- 5.2 **Special hazards arising from the substance or mixture**
None.
- 5.3 **Advice for firefighters**
- 5.3.1 **Special Protective Equipment :**
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
- 5.3.2 **Additional Information :**
None.

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
High risk of slipping due to leakage / spillage of product.
- 6.2 **Environmental precautions**
Do not allow to enter drainage / surface-water / ground-water.
- 6.3 **Methods and material for containment and cleaning up**
Soak up with absorbent material. Dispose of absorbed material in accordance with the regulations.
- 6.4 **Reference to other sections**
None.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling :**
Do not inhale vapours. Remove contaminated, saturated clothing immediately. When using do not eat, drink or smoke. Clean skin thoroughly after work and before breaks.
- 7.1.2 **Precautions in Case of Fire and Explosion :**
No special measures necessary
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions :**
Protect container from warming up and direct sunlight.
- 7.2.2 **Store away from :**
Store away from oxidising agents.
- 7.2.3 **Further Information on Storage Conditions :**
None.
- 7.3 **Specific end use(s)**
n.av.

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SECTION 8: Exposure controls/personal protection

8.1	Control parameters		
	Material		Limit Value
8.2	Exposure controls		
8.2.1	Appropriate engineering controls		
	Observe the usual precautionary measures for handling chemicals.		
8.2.2	Individual protection measures		
8.2.2a	Respiratory Protection :	Not relevant	
8.2.2b	Hand Protection :	In case of prolonged skin contact use protective gloves.	
8.2.2c	Eye Protection :	Goggles	
8.2.2d	Skin Protection :	Not relevant	
8.2.2e	Further Information :		
8.2.3	Environmental exposure controls :	n.av.	

SECTION 9: Physical and chemical properties

9.1	Information on basic physical and chemical properties		
9.1.1	Form : liquid	Colour : Various, depending on coloration	Odour : slight
9.1.2	pH-value, undiluted :	n.av., pH-value, 1% aqueous solution : n.av.	
9.1.3	Boiling point / Boiling - range (°C) :	n.av., Melting point / Melting range (°C) : n.av.	
9.1.4	Flash point (°C, c.c.) :	n.av.,	
9.1.5	Flammability (EEC A10/A13) :	No.	
9.1.6	Ignition temperature (°C) :	n.av.	
9.1.7	Autoflammability (EEC A16) :	No.	
9.1.8	Oxidising properties :	n.ap.	
9.1.9	Explosion hazard :	n.ap.	
9.1.10	Explosion limits (Vol.%) lower :	n.av., upper : n.av.	
9.1.11	Vapour pressure :	n.av.	
9.1.12	Density (g/ml) :	n.av.	
9.1.13	Solubility (in Water) :	immiscible	Soluble in : most organic solvents.
9.1.14	Partition coefficient, n-Octanol/Water :	n.av.	
9.1.15	Viscosity :	n.av.	
9.1.16	Solvent content (m %) :	Not relevant	
9.2	Other information		
9.2.1	Thermal decomposition (°C) :	n.av.	
9.2.2	Vapour density (Air = 1) :	n.av.	

SECTION 10: Stability and reactivity

10.1	Reactivity	None.
10.2	Chemical stability	Stable at normal temperature.
10.3	Possibility of hazardous reactions	No hazardous reactions known.
10.4	Conditions to avoid	At temperatures > 250°C depolymerisation and liberation of monomers may occur.
10.5	Incompatible materials	Reactions with strong oxidising agents.
10.6	Hazardous decomposition products	No dangerous decomposition products when properly handled.

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SECTION 11: Toxicological information**11.1 Information on toxicological effects****11.1.1 Acute Health Effects :**

Inhalation, LC50 rat, (mg/l/4h) :	n.av.
Ingestion, LD50 rat, (mg/kg) :	n.av.
Skin - contact, LD50 rat, (mg/kg) :	n.av.
Irritation (to skin / eye) :	Non-irritant
Sensitisation :	None.

11.1.2 Subacute / Chronic Toxicity :

Carcinogenicity :	n.av.
Mutagenicity :	n.av.
Teratogenicity :	n.av.
Narcotic Effects :	n.av.

11.1.3 Practical Experience**11.1.3.1** Observations relevant for classification :
None.**11.1.3.2** Further Observations :
None.**11.1.4 General Remarks :**

Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information**12.1 Toxicity**

n.av.

12.2 Persistence and degradability

The product is readily biodegradable according to OECD criteria.(OECD 301D, 28d)

12.3 Bioaccumulative potential

n.av.

12.4 Mobility in soil

n.av.

12.5 Results of PBT and vPvB assessment

n.av.

12.6 Other adverse effects

12.6.1 COD-Value, mg/g :	n.av.
12.6.2 BOD5-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.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****13.1.1** Recommendation : D 10 / R 2 Waste - Code - No. : 20 01 27

In addition comply with the regional authorities.

13.2 Contaminated Packaging**13.2.1** Recommendation : Wash with suitable cleaner. Otherwise as described under Residues. Packaging that cannot be cleaned should be disposed of as for product**13.2.2** Safe Handling : As described under Residues. Observe the usual precautionary measures for handling chemicals.

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SECTION 14: Transport information

IMDG 14.1	ADR No dangerous goods according to ADR UN number	IMDG No dangerous goods according to	IATA No dangerous goods according to IATA-DGR
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user		
14.7	Transport-category : Classification Code : Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
	Transport in bulk according to Annex II of MARPOL 73/78	and the IBC Code	

SECTION 15: Regulatory information

15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available.

15.2 **Chemical safety assessment** : None.

SECTION 16: Other information

Text of R / H phrases mentioned in Section 3

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

Receipt of Data : 19.04.2010