



**Trade Name: Hairdreams Stop & Grow PHT VolumeUp Spray**

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

Telephone: +43/316/605740, Date of issue: 20.03.2015 Replaces Data Sheet of: ---

**SECTION 4: First aid measures**

- 4.1 **Description of first aid measures**
- 4.1.1 **Inhalation:**  
Move to fresh air in case of accidental inhalation of vapours or decomposition products.
- 4.1.2 **Skin Contact:**  
Rinse with water.  
In the case of skin irritation or allergic reactions see a physician.
- 4.1.3 **Eye Contact:**  
In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
- 4.1.4 **Ingestion:**  
Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting.  
Consult a physician.
- 4.2 **Most important symptoms and effects, both acute and delayed**  
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.  
Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
- 4.3 **Indication of any immediate medical attention and special treatment needed**  
Treat symptomatically.

**SECTION 5: Firefighting measures**

- 5.1 **Extinguishing media**
- 5.1.1 **Suitable Extinguishing Media:**  
Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.
- 5.1.2 **Extinguishing Media to Avoid:**  
None.
- 5.2 **Special hazards arising from the substance or mixture**  
In the event of fire the following can be released: Carbon oxides nitrogen oxides (NO<sub>x</sub>)
- 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:**  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6: Accidental release measures**

- 6.1 **Personal precautions, protective equipment and emergency procedures**  
See chapter 8.2.2  
Contaminated surfaces will be extremely slippery.
- 6.2 **Environmental precautions**  
Do not contaminate water. Local authorities should be advised if significant spillages cannot be contained.
- 6.3 **Methods and material for containment and cleaning up**  
Soak up with inert absorbent material. Shovel into suitable container for disposal.
- 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:**  
Avoid contact with eyes. Take off all contaminated clothing immediately.  
When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.
- 7.1.2 **Precautions in Case of Fire and Explosion:**  
Normal measures for preventive fire protection.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**  
Keep container tightly closed in a dry and well-ventilated place.
- 7.2.2 **Store away from:**  
Do not store together with strong oxidizing 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	<b>Control parameters</b>	
	<b>Material</b>	<b>Limit Value</b>
8.2	<b>Exposure controls</b>	
8.2.1	<b>Appropriate engineering controls</b>	
	Ensure adequate ventilation.	
8.2.2	<b>Individual protection measures</b>	
8.2.2a	<b>Respiratory Protection:</b>	Not required under normal use
8.2.2b	<b>Hand Protection:</b>	Repeated or prolonged exposure protective gloves The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
8.2.2c	<b>Eye Protection:</b>	In case of contact through splashing: safety glasses
8.2.2d	<b>Skin Protection:</b>	Not required under normal use
8.2.2e	<b>Further Information:</b>	Observe wearing time limits:
8.2.3	<b>Environmental exposure controls:</b>	n.av.

**SECTION 9: Physical and chemical properties**

9.1	<b>Information on basic physical and chemical properties</b>		
9.1.1	<b>Form:</b> liquid	<b>Colour:</b> yellow-orange	<b>Odour:</b> characteristic
			<b>Odour threshold:</b> n.av.
9.1.2	pH-value, undiluted:	4 – 5, pH-value, 1% aqueous solution: n.av.	
9.1.3	Boiling point / Boiling - range (°C):	n.ap., Melting point / Melting range (°C): n.av.	
9.1.4	Flash point (°C):	n.ap., closed cup	
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:	No.	
9.1.9	Explosion hazard:	No.	
9.1.10	Explosion limits (Vol.%) lower:	n.av., upper: n.av.	
9.1.11	Vapour pressure: / Vapour density (Air = 1):	n.ap. / n.av.	
9.1.12	Density (g/ml):	0,95 – 1,05	
9.1.13	Solubility (in Water):	dispersible	
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	15 – 35 mPa*s	
9.1.16	Solvent content (m %):	1 – 5	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	<b>Other information</b>	n.av.	

**SECTION 10: Stability and reactivity**

10.1	<b>Reactivity</b>
	None.
10.2	<b>Chemical stability</b>
	Stable under normal conditions.
10.3	<b>Possibility of hazardous reactions</b>
	No dangerous reaction known under conditions of normal use.
10.4	<b>Conditions to avoid</b>
	No conditions to be specially mentioned.
10.5	<b>Incompatible materials</b>
	Incompatible with oxidizing agents.
10.6	<b>Hazardous decomposition products</b>
	No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects****11.1.1 Substances****11.1.2 Mixtures**

Acute Toxicity:

Inhalation: n.av.

Ingestion: n.av.

Skin Contact: n.av.

Irritation / corrosion (to skin / eye): Slight

Sensitisation: May cause an allergic skin reaction.

Carcinogenicity: n.av.

Mutagenicity: n.av.

Teratogenicity: n.av.

Narcotic Effects: None.

**11.1.3 Practical Experience**

11.1.12 n.av.

**11.1.13 Practical Experience**

Observations relevant for classification:

None.

Further Observations:

None.

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

**SECTION 12: Ecological information****12.1 Toxicity**

We have no quantitative data concerning the ecological effects of this product.

**12.2 Persistence and degradability**

No data is available on the product itself.

**12.3 Bioaccumulative potential**

n.av.

**12.4 Mobility in soil**

n.av.

**12.5 Results of PBT and vPvB assessment**

This mixture contains no substances which are assessed to be PBT or vPvB.

**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: Not applicable.

12.6.4 Significant Components: None.

12.6.5 Other adverse effects: Not applicable.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

13.1.1 Recommendation: D 10

Waste - Code - No.:

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

**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. Handle in accordance with good industrial hygiene and safety practice.

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**SECTION 14: Transport information**

	<b>ADR</b> Not a dangerous substance as defined in the above regulations.	<b>IMDG</b> Not a dangerous substance as defined in the above regulations.	<b>IATA</b> Not a dangerous substance as defined in the above regulations.
14.1	<b>UN number</b>		
14.2	<b>UN proper shipping name</b>		
14.3	<b>Transport hazard class(es)</b>		
14.4	<b>Packing group</b>		
14.5	<b>Environmental hazards</b>		
14.6	<b>Special precautions for user</b>		
14.7	Transport category: Classification Code: Hazard - No.: LQ:	<b>MARPOL73/78 and the IBC Code</b>	Packing Instructions (Passenger)  Packing Instructions (Cargo)

**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 :**  
A chemical safety assessment has not been carried out.

**SECTION 16: Other information****Text of R / H phrases mentioned in Section 3**

R 18: In use, may form flammable/explosive vapour-air mixture.

R 34: Causes burns.

R 36: Irritating to eyes.

R 38: Irritating to skin.

R 43: May cause sensitization by skin contact.

R 50: Very toxic to aquatic organisms.

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

EUH018: In use may form flammable/explosive vapour-air mixture.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

This datasheet has been compiled in accordance with EU regulation 453/201.

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:

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Receipt of Data: 16.03.2015