

Trade Name: Hairdreams Stop & Grow PHT Concentrate

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

Telephone: +43/316/605740, Date of issue: 11.03.2015 Replaces Data Sheet of: ---

SECTION 4: First aid measures

- 4.1 **Description of first aid measures**
General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.
- 4.1.1 **Inhalation:**
Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
If not breathing, give artificial respiration. If symptoms persist, call a physician.
- 4.1.2 **Skin Contact:**
Wash with soap and 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.
Never give anything by mouth to an unconscious person. Consult a physician for severe cases.
- 4.2 **Most important symptoms and effects, both acute and delayed**
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
May cause an allergic skin reaction.
- 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, CO₂, water spray or "alcohol" foam.
Not suitable Extinguishing Media:
Sand, fire powder
- 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
- 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:**
In the event of fire, cool tanks with water spray. 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**
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.
Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.
Contaminated surfaces can be slippery.
- 6.2 **Environmental precautions**
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
If larger amounts are released into sewage system / environment, the competent local authority must be informed.
- 6.3 **Methods and material for containment and cleaning up**
For larger quantities: Pump off product.
For residues: Narrow spillage with neutralizing and non-combustible absorbent and collect for disposal according to local regulations in appropriate containers.
Small amounts (about 0,5 l) take up with plenty of water, discard water into drains.
- 6.4 **Reference to other sections**
None.

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SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**
 Do not leave container open.
 Standard hygiene practices:
 - In areas where people work, do not eat, drink or smoke
 - Wash hands after use
 - Remove contaminated clothing and protective equipment before entering areas with food.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
 Normal measures for preventive fire protection.
 Measures to prevent dusts and aerosols.
 Keep container tightly closed.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**
 Store in a cool place. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Containers which are open must be carefully resealed and kept upright to prevent leakage.
- 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.

SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters**

| | |
|-----------------|---------------------------------|
| Material | Limit Value |
| Ethanol | 500 ppm 960 mg/m ³ |
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls**
 Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- 8.2.2 **Individual protection measures**
- 8.2.2a **Eye/face Protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
- 8.2.2b **Skin Protection:** Handle with gloves. Gloves must be inspected prior use. Use proper glove removal Technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
- 8.2.2c **Body Protection:** Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- 8.2.2d **Respiratory Protection:** Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- 8.2.3 **Environmental exposure controls:**
 Prevent further Leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

| | | |
|---|----------------|---------|
| Appearance / form: | Liquid | Sensory |
| Colour: | Light yellow | Sensory |
| Odour: | Characteristic | Sensory |
| Odour threshold: | n.d. | |
| pH: | n.d. | |
| Melting point / freezing point: | n.d. | |
| Initial boiling point and boiling range: | n.d. | |
| Flash point: | 39°C | |
| Evaporation rate: | n.d. | |
| Flammability (solid, gas): | n.d. | |
| Upper / lower flammability or explosive limits: | n.d. | |
| Vapour pressure : | n.d. | |
| Vapour density: | n.d. | |
| Relative density: | n.d. | |
| Solubility: | n.d. | |
| Partition coefficient : (n-octanol / water) | n.d. | |
| Auto-ignition temperature: | n.d. | |
| Decomposition temperature: | n.d. | |
| Viscosity: | n.d. | |
| Explosive properties: | n.d. | |
| Oxidizing properties: | n.d. | |

9.2 Other safety information

No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

Reacts with acids with vigorous heat generation. Reacts with vigorous heat generation, for example, with acid Anhydrides, alkali metals. In uncontrolled reaction it may explode.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available. When used according to specifications Dangerous reactions are not expected.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Alkali metals

10.6 Hazardous decomposition products

Other decomposition products. No data available.

In the event of fire: see section 5

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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:

Solvents may degrease the skin.

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

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Surplus and non-recyclable solutions have to be given to a licensed disposal company. This material may only be eliminated by a licensed waste disposal company. The product has to be dissolved in a combustible solvent or mixed with and has to be burned (with an afterburner and scrubber) in a chemical incinerator.

13.2 Contaminated Packaging

Dispose of as unused product.

Waste code according to „Abfallverzeichnis – Verordnung“ (AVV)

The six digit waste code according to AVV is industry, process, origin or specific waste type assigned. optionally, it has to be coordinated with the local authority (e.g. city council or district office) or the disposer.

13.3 Special precautions

No data available.

13.4 Relevant EU or other regulations

No data available.

SECTION 14: Transport Information

| ADR Not a dangerous substance as defined in the above regulations.(S144). | IMDG Not a dangerous substance as defined in the above regulations. (S 144). | IATA Not a dangerous substance as defined in the above regulations (A 58). |
|---|--|--|
| 14.1 UN number | | |
| 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 | | |
| Transport category: Classification Code: Hazard – No.: LQ: | | Packing Instructions (Passanger) Packing Instructions (Cargo= |
| 14.7 Transport in bulk according to 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

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010

National regulations

Water hazard class: Ethanol, CAS-No.: 64-17-5, WGK 1, low hazard to water – code number 96 – VwVwS, the rating refers to pure, non-denatured ethanol

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Dimethicone, CAS-No.: 9016-00-6, WGK 2, hazard to water – self assessment

Menthol, CAS-No.: 89-78-1, WGK 2, hazard to water – self assessment

Lösungsmittelverordnung: VOC-Share <21% (calculated)

15.2 Chemical safety assessment :

A chemical safety assessment has not been carried out.

SECTION 16: Other information**Changes compared to the last version**

See sections / subsections - no changes

Full text of H-Statements referred to under sections 2 and 3.

According to Regulation (EG) No. 1272/2008:

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H413 May cause long lasting harmful effects to aquatic life.

Methods in accordance with Article 9 of Regulation (EC) No. 1272/2008 that were used to evaluate the information for the purpose of classification.

Physical hazards: Flash point determination

Health and environmental hazards: Calculation method

Abbreviations

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

BImSchV Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes

CAS Chemical Abstracts Service

DIN Norm of the Deutschen Instituts für Normung

EC Effective concentration

EG European Community

EN European Norm

IATA-DGR International Air Transport Association-Dangerous Goods Regulations

IBC-Code International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

ICAO-TI International Civil Aviation Organization-Technical Instructions

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IMDG-Code International Maritime Code for Dangerous Goods

ISO Norm of the International Standards Organization

IUCLID International Uniform Chemical Information Database

LC Lethal concentration

LD Lethal dose

log Kow Partition coefficient between octanol and water

MARPOL Maritime Pollution Convention

OECD Organisation for Economic Co-operation and Development

PBT Persistent, bio accumulative, toxic

RID Regulation concerning the International Carriage of Dangerous Goods by Rail

TRGS Technische Regeln für Gefahrstoffe (Technical Rules for Hazardous Substances)

UN United Nations

VOC Volatile Organic Compounds

vPvB very persistent and very bio accumulative

VwVwS Verwaltungsvorschrift wassergefährdender Stoffe

WGK Wassergefährdungsklasse (water hazard class)

This datasheet has been compiled in accordance with EU regulation 453/2011.

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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